

TABLE 1-TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 2001
(thousand ton-miles)

Area	Area Totals	Foreign			Domestic			Internal			Intraport	
		Overseas		Canadian		Coastwise		Lakewise		Through	In/Out	
		In/Out	Through	In/Out	Through	In/Out	Through	In/Out	Through		In/Out	In/Out
DETROIT RIVER, MI	2,096,879	9,353	154,684	64,483	852,913	—	—	244,726	768,145	137	—	—
*LAKE ERIE	13,499,078	173,758	1,429,680	3,770,465	4,440,339	—	—	3,011,352	673,154	—	—	136
LAKE HURON	25,418,237	—	1,349,484	686,179	6,903,654	—	—	5,530,694	10,938,628	9,598	—	—
**LAKE MICHIGAN	21,490,279	943,985	—	3,923,761	—	—	—	13,640,171	2,859,258	—	—	99,220
***LAKE ONTARIO	7,827,628	—	2,435,555	61,437	5,330,636	—	—	—	—	—	—	—
LAKE SUPERIOR	23,653,319	1,132,705	—	4,275,846	547,471	—	—	17,697,248	49	1	—	0
ST. CLAIR RIVER, MI	2,853,229	—	194,603	6,501	1,136,009	—	—	169,285	1,346,448	382	—	—
****ST. LAWRENCE RIVER	2,082,515	437	694,979	20,155	1,366,945	—	—	—	—	—	—	—
ST. MARYS RIVER, MI	4,528,105	—	188,784	2,549	1,078,527	—	—	39,287	3,218,959	—	—	—
WELLAND CANAL, CANADA	723,709	—	169,049	—	554,661	—	—	—	—	—	—	—
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	104,172,979	8,877,056	—	35,022,529	—	—	—	60,137,403	14,161	—	—	121,831

* Including Upper Niagara River
 ** Including the Port of Chicago (Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, Lake Calumet and Calumet Harbor and River)
 *** Including Lower Niagara River
 **** Between international boundary line and Lake Ontario

TABLE 2-FREIGHT TONS OF UNITED STATES TRAFFIC CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 2001
(thousand short tons)

Area	Area Totals	Foreign			Coastwise			Domestic Lakewise			Internal		Intraport	
		Overseas		Canadian	In/Out		Through	In/Out		Through	In/Out	Through	In/Out	In/Out
		In/Out	Through		In/Out	Through		In/Out	Through					
DETROIT RIVER, MI	74,278	446	4,990	4,280	27,513	—	—	12,027	24,779	238	4	—	—	—
*LAKE ERIE	84,890	825	5,436	25,625	18,611	—	—	26,738	7,514	4	—	—	136	—
LAKE HURON	113,288	—	4,990	3,547	28,652	—	—	22,470	53,601	—	29	—	—	—
**LAKE MICHIGAN	59,860	2,040	—	9,136	—	—	—	34,204	9,213	2,094	—	—	3,173	—
***LAKE ONTARIO	27,272	—	6,261	523	20,488	—	—	—	0	—	—	—	0	—
LAKE SUPERIOR	70,232	2,950	—	12,167	3,093	—	—	51,999	22	1	—	—	1	—
ST. CLAIR RIVER, MI	79,143	—	4,990	757	29,128	—	—	9,734	34,524	—	10	—	—	—
****ST. LAWRENCE RIVER	18,610	9	6,261	174	12,167	—	—	—	—	—	—	—	—	—
ST. MARYS RIVER, MI	74,916	—	2,950	63	20,892	—	—	1,211	49,800	—	—	—	—	—
WELLAND CANAL, CANADA	26,771	—	6,261	—	20,510	—	—	—	—	—	—	—	—	—
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	171,359	6,270	—	59,310	—	—	—	100,114	—	1,671	—	—	3,993	—

* Including Upper Niagara River
 ** Including the Port of Chicago (Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, Lake Calumet and Calumet Harbor and River)
 *** Including Lower Niagara River
 **** Between International boundary line and Lake Ontario

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES
BY TYPE OF TRAFFIC AND COMMODITY

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	159,947	1995	177,750	1998	192,235	2001	171,359
1993	159,628	1996	181,773	1999	182,862		
1994	175,275	1997	188,579	2000	187,489		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign				Domestic		
		Inbound*		Outbound		Lakewise	Internal	Intraport
		Canadian	Overseas*	Canadian*	Overseas			
Total, all commodities	171,359	18,920	3,101	40,390	3,169	100,133	1,653	3,993
Total coal	43,760	509	48	23,844	---	18,877	430	51
1100 coal lignite	42,475	492	23	23,406	---	18,497	6	51
1200 coal coke	1,285	17	26	438	---	380	425	---
Total petroleum and petroleum products	4,563	955	---	480	---	1,873	255	1,000
Subtotal crude petroleum	20	13	---	8	---	---	---	---
2100 crude petroleum	20	13	---	8	---	---	---	---
Subtotal petroleum products	4,543	942	---	473	---	1,873	255	1,000
2211 gasoline	730	174	---	0	---	471	0	84
2221 kerosene	73	---	---	73	---	---	---	---
2330 distillate fuel oil	883	362	---	11	---	176	4	329
2340 residual fuel oil	728	247	---	9	---	206	76	191
2350 lube oil & greases	31	---	---	8	---	4	2	17
2429 naphtha & solvents	19	16	---	---	---	---	---	3
2430 asphalt, tar & pitch	1,248	3	---	---	---	859	159	226
2540 petroleum coke	808	139	---	372	---	135	13	150
2640 liquid natural gas	1	---	---	---	---	1	0	0
2990 petro. products nec	23	---	---	---	---	22	1	---
Total chemicals and related products	2,133	566	98	1,040	---	146	84	201
Subtotal fertilizers	479	310	39	38	---	---	76	16
3110 nitrogenous fert.	160	31	39	---	---	---	75	16
3130 potassic fert.	281	280	---	---	---	---	2	---
3190 fert. & mixes nec	38	---	---	38	---	---	---	---
Subtotal other chemicals and related products	1,654	256	58	1,002	---	146	7	185
3212 benzene & toluene	42	17	---	23	---	---	---	3
3219 other hydrocarbons	84	---	54	10	---	---	3	17
3220 alcohols	73	---	---	3	---	---	---	71
3272 sulphuric acid	15	---	---	---	---	8	---	6
3274 sodium hydroxide	66	---	---	61	---	---	4	---
3275 inorg. elem., oxides, & halogen salts	230	19	4	206	---	---	---	---
3276 metallic salts	903	60	---	617	---	138	---	88
3282 pigments & paints	44	44	---	---	---	---	---	---
3286 plastics	36	---	---	36	---	---	---	---
3291 pesticides	0	---	---	---	---	0	---	---
3292 starches, gluten, glue	57	32	---	25	---	---	---	---
3293 explosives	11	11	---	---	---	---	---	---
3297 chemical additives	31	10	---	21	---	---	---	---
3299 chem. products nec	63	63	---	---	---	---	---	---
Total crude materials, inedible except fuels	103,575	13,174	462	11,476	140	75,376	391	2,556
Subtotal forest products, wood and chips	141	123	16	1	---	1	0	0
4161 wood chips	0	---	---	---	---	0	---	---
4170 wood in the rough	0	---	---	---	---	0	---	---
4189 lumber	140	123	16	1	---	0	0	0
Subtotal pulp and waste paper	244	5	214	---	25	---	---	---
4225 pulp & waste paper	244	5	214	---	25	---	---	---
Subtotal soil, sand, gravel, rock and stone	39,767	2,433	0	5,442	---	29,345	140	2,407
4310 building stone	736	31	0	705	---	---	---	---
4322 limestone	30,733	212	---	2,457	---	28,055	---	9
4323 gypsum	635	---	---	150	---	345	140	---
4331 sand & gravel	7,550	2,190	---	2,131	---	832	0	2,397
4335 waterway improv. mat	113	---	---	---	---	112	---	2
4338 soil & fill dirt	1	---	---	---	---	1	---	0
Subtotal iron ore and scrap	52,947	3,201	12	4,725	---	44,806	60	144
4410 iron ore	52,804	3,120	6	4,725	---	44,772	43	137
4420 iron & steel scrap	143	81	6	---	---	34	16	6
Subtotal non-ferrous ores and scrap	175	52	106	---	---	---	17	---
4650 aluminum ore	72	---	61	---	---	---	12	---
4670 manganese ore	6	---	---	---	---	---	6	---
4680 non-ferrous scrap	0	---	0	---	---	---	---	---
4690 non-ferrous ores nec	97	52	45	---	---	---	---	---

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign				Domestic		
		Inbound*		Outbound		Lakewise	Internal	Intraport
		Canadian	Overseas*	Canadian*	Overseas			
Subtotal sulphur, clay and salt	2,471	2,205	45	77	113	25	6	—
4741 sulphur, (dry)	24	24	—	—	—	—	—	—
4782 clay & refrac. mat.	2,448	2,181	45	77	113	25	6	—
Subtotal slag	1,507	859	—	53	—	422	168	5
4860 slag	1,507	859	—	53	—	422	168	5
Subtotal other non-metal. min.	6,323	4,295	70	1,178	2	779	—	—
4900 non-metal. min. nec	6,323	4,295	70	1,178	2	779	—	—
Total primary manufactured goods	10,193	3,349	2,428	267	21	3,495	447	185
Subtotal lime, cement and glass	6,854	3,037	25	244	—	3,460	2	87
5220 cement & concrete	6,740	2,984	24	184	—	3,459	2	87
5240 glass & glass prod.	1	—	1	—	—	—	0	—
5290 misc. mineral prod.	113	53	0	60	—	0	0	—
Subtotal primary iron and steel products	2,731	194	1,943	13	20	35	428	98
5312 pig iron	310	169	103	0	—	6	32	—
5315 ferro alloys	35	—	35	—	—	—	—	—
5320 i&s primary forms	383	0	317	—	19	—	46	—
5330 i&s plates & sheets	1,557	1	1,179	13	1	23	249	91
5360 i&s bars & shapes	325	24	301	—	0	—	—	—
5370 i&s pipe & tube	6	—	6	—	—	—	—	—
5390 primary i&s nec	115	—	1	—	—	6	100	7
Subtotal primary non-ferrous metal products	608	118	461	10	1	1	18	0
5422 aluminum	52	28	15	10	—	—	—	—
5429 smelted prod. nec	35	28	7	—	—	—	—	—
5480 fab. metal products	520	62	439	0	1	1	18	0
Total food and farm products	6,965	296	24	3,276	3,006	318	44	0
Subtotal fish	0	—	—	—	—	0	—	—
6134 fish (not shellfish)	0	—	—	—	—	0	—	—
Subtotal grain	4,724	239	20	1,814	2,318	317	17	—
6241 wheat	2,776	31	—	714	1,714	317	—	—
6344 corn	1,684	—	—	1,091	576	—	17	—
6443 barley & rye	84	56	—	—	28	—	—	—
6445 oats	180	151	20	9	—	—	—	—
Subtotal oilseeds	1,951	—	—	1,415	510	—	27	—
6522 soybeans	1,839	—	—	1,413	399	—	27	—
6534 flaxseed	63	—	—	—	63	—	—	—
6590 oilseeds nec	50	—	—	2	48	—	—	—
Subtotal vegetable products	36	—	—	23	13	—	—	—
6653 vegetable oils	23	—	—	23	—	—	—	—
6654 vegetables & prod.	13	—	—	—	13	—	—	—
Subtotal processed grain and animal feed	151	53	—	20	78	0	—	—
6747 grain mill products	69	53	—	15	—	0	—	—
6781 hay & fodder	4	—	—	4	—	—	—	—
6782 animal feed, prep.	78	—	—	1	78	—	—	—
Subtotal other agricultural products	102	5	5	4	88	1	0	0
6838 tallow, animal oils	4	—	—	—	4	—	—	—
6839 animals & prod. nec	0	—	—	—	—	—	—	0
6857 fruit & nuts nec	0	—	—	—	—	0	—	—
6861 sugar	5	—	5	—	—	—	—	—
6871 coffee	5	5	—	—	—	—	—	—
6885 alcoholic beverages	4	—	—	4	—	—	—	—
6887 groceries	0	—	—	—	—	0	—	—
6889 food products nec	0	—	—	0	—	0	—	—
6899 farm products nec	84	—	—	—	84	—	0	—
Total all manufactured equipment, machinery and products	99	39	38	1	1	18	2	0
7110 machinery (not elec)	60	29	28	1	1	0	1	0
7120 electrical machinery	17	10	6	0	—	0	1	—
7210 vehicles & parts	4	—	3	—	0	—	0	—
7230 ships & boats	0	—	0	0	0	—	—	—
7400 manufac. wood prod.	0	—	0	—	—	0	0	—
7500 textile products	0	—	0	—	—	—	—	—
7600 rubber & plastic pr.	0	—	0	0	—	—	—	—
7900 manufac. prod. nec	18	—	1	0	—	18	0	0

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES
BY TYPE OF TRAFFIC AND COMMODITY
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign				Domestic		
		Inbound*		Outbound		Lakewise	Internal	Intraport
		Canadian	Overseas*	Canadian*	Overseas			
Total waste and scrap nec	0	---	---	---	---	0	---	---
8900 waste and scrap nec	0	---	---	---	---	0	---	---
Total unknown or not elsewhere classified	71	34	2	6	---	30	---	---
9900 unknown or nec	71	34	2	6	---	30	---	---

*Includes 17 (x1000) tons of foreign inbound in-transit.

TWO HARBORS (AGATE BAY), MN

Section Included: Entire harbor. Controlling Depth: 28 feet except for a 26 foot area along the east project line. Project Depth: 28 feet in inner basin and 30 feet near entrance.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	11,160	1995	8,265	1998	13,223	2001	11,875
1993	10,711	1996	10,662	1999	11,872		
1994	9,288	1997	13,508	2000	13,060		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Lakewise
		Shipments
Total, all commodities	11,875	11,875
Total crude materials, inedible except fuels	11,875	11,875
Subtotal iron ore and scrap	11,875	11,875
4410 iron ore	11,875	11,875

DULUTH-SUPERIOR HARBOR, MN AND WI

Section Included: Superior Bay and its tributaries, St. Louis Bay and St. Louis River, and Allouez Bay. Controlling Depth: 32 feet in lake approaches, diminishing to a minimum of 20 feet in certain inner channels; there are numerous 1-2 foot shoals scattered in portions of the Duluth and Superior Harbor Basins. Project Depth: 32 feet in lake approaches; 27 feet in Duluth and Superior Harbor Basins, superior front channel, and in ore-channel routes through north and south channels to D. M. & I. R. R.Y. ore docks; 27 feet in Howards Bay and Allouez Bay; 23 feet in remaining portion of south, upper, and Minnesota channels to Hallet Dock No. 6; and 20 feet from thence to northerly end of Clough Island. Navigation Season: April 3 to January 11.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	39,304	1995	45,049	1998	42,443	2001	39,811
1993	37,679	1996	41,398	1999	42,297		
1994	41,819	1997	41,929	2000	41,678		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise	
							Receipts	Shipments
Total, all commodities	39,811	89	2,861	657	9,669	26,535	2,976	23,559
Total coal	16,933	—	—	—	5,845	11,088	99	10,989
1100 coal lignite	16,933	—	—	—	5,845	11,088	99	10,989
Total chemicals and related products	104	29	—	17	36	21	21	—
Subtotal fertilizers	29	29	—	—	—	—	—	—
3110 nitrogenous fert.	29	29	—	—	—	—	—	—
Subtotal other chemicals and related products	75	—	—	17	36	21	21	—
3276 metallic salts	39	—	—	17	—	21	21	—
3286 plastics	36	—	—	—	36	—	—	—
Total crude materials, inedible except fuels	18,127	24	92	316	2,834	14,860	2,607	12,253
Subtotal forest products, wood and chips	48	10	—	38	1	—	—	—
4189 lumber	48	10	—	38	1	—	—	—
Subtotal pulp and waste paper	7	2	—	5	—	—	—	—
4225 pulp & waste paper	7	2	—	5	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	2,604	—	—	—	—	2,604	2,549	54
4322 limestone	2,602	—	—	—	—	2,602	2,547	54
4331 sand & gravel	2	—	—	—	—	2	2	—
Subtotal iron ore and scrap	15,056	—	—	—	2,834	12,222	24	12,198
4410 iron ore	15,029	—	—	—	2,834	12,195	24	12,171
4420 iron & steel scrap	27	—	—	—	—	27	—	27
Subtotal sulphur, clay and salt	92	—	92	—	—	—	—	—
4782 clay & refrac. mat.	92	—	92	—	—	—	—	—
Subtotal slag	33	—	—	—	—	33	33	—
4860 slag	33	—	—	—	—	33	33	—
Subtotal other non-metal. min.	285	12	—	274	—	—	—	—
4900 non-metal. min. nec	285	12	—	274	—	—	—	—
Total primary manufactured goods	500	34	—	217	—	249	249	—
Subtotal lime, cement and glass	466	—	—	217	—	249	249	—
5220 cement & concrete	466	—	—	217	—	249	249	—
Subtotal primary iron and steel products	34	34	—	—	—	—	—	—
5330 i&s plates & sheets	34	34	—	—	—	—	—	—
Total food and farm products	4,146	—	2,768	107	953	317	—	317
Subtotal grain	2,632	—	2,097	54	164	317	—	317
6241 wheat	2,195	—	1,714	—	164	317	—	317
6344 corn	355	—	355	—	—	—	—	—
6443 barley & rye	81	—	28	54	—	—	—	—
Subtotal oilseeds	1,272	—	503	—	768	—	—	—
6522 soybeans	1,161	—	393	—	768	—	—	—
6534 flaxseed	63	—	63	—	—	—	—	—
6590 oilseeds nec	48	—	48	—	—	—	—	—
Subtotal vegetable products	34	—	13	—	21	—	—	—
6653 vegetable oils	21	—	—	—	21	—	—	—
6654 vegetables & prod.	13	—	13	—	—	—	—	—
Subtotal processed grain and animal feed	125	—	71	53	—	—	—	—
6747 grain mill products	53	—	—	53	—	—	—	—
6782 animal feed, prep.	71	—	71	—	—	—	—	—
Subtotal other agricultural products	84	—	84	—	—	—	—	—
6899 farm products nec	84	—	84	—	—	—	—	—

DULUTH-SUPERIOR HARBOR, MN AND WI
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise	
							Receipts	Shipments
Total all manufactured equipment, machinery and products	1	1	0	---	---	---	---	---
7110 machinery (not elec)	1	1	---	---	---	---	---	---
7120 electrical machinery	1	1	---	---	---	---	---	---
7230 ships & boats	0	---	0	---	---	---	---	---

TACONITE HARBOR, MN

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	9,069	1995	9,247	1998	8,761	2001	2,243
1993	9,716	1996	8,408	1999	8,366		
1994	9,510	1997	8,607	2000	8,505		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
Total, all commodities	2,243	50	2,193
Total coal	50	50	—
1100 coal lignite	50	50	—
Total crude materials, inedible except fuels	2,193	—	2,193
Subtotal iron ore and scrap	2,193	—	2,193
4410 iron ore	2,193	—	2,193

PRESQUE ISLE HARBOR, MI

Section Included: Entire harbor. Controlling and Project Depths: 30 feet in approach and 28 feet in basin. Navigation Season: March 31 to January 21.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	10,737	1995	10,099	1998	10,483	2001	9,475
1993	9,672	1996	8,959	1999	9,531		
1994	10,191	1997	11,201	2000	10,742		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
Total, all commodities	9,475	62	1,779	7,634	1,961	5,673
Total coal	1,961	—	—	1,961	1,961	—
1100 coal lignite	1,961	—	—	1,961	1,961	—
Total crude materials, inedible except fuels	7,514	62	1,779	5,673	—	5,673
Subtotal soil, sand, gravel, rock and stone	28	28	—	—	—	—
4331 sand & gravel	28	28	—	—	—	—
Subtotal iron ore and scrap	7,452	—	1,779	5,673	—	5,673
4410 iron ore	7,452	—	1,779	5,673	—	5,673
Subtotal sulphur, clay and salt	26	26	—	—	—	—
4782 clay & refrac. mat.	26	26	—	—	—	—
Subtotal slag	8	8	—	—	—	—
4860 slag	8	8	—	—	—	—

MARQUETTE HARBOR, MI

Section Included: Entire harbor. Controlling Depth: 26 feet. Project Depth: 27 feet. Navigation Season: May 14 to November 22.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	454	1995	836	1998	869	2001	976
1993	789	1996	1,598	1999	818		
1994	822	1997	689	2000	912		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Lakewise Receipts
Total, all commodities	976	976
Total coal	213	213
1100 coal lignite	213	213
Total crude materials, inedible except fuels	762	762
Subtotal soil, sand, gravel, rock and stone	762	762
4322 limestone	762	762

DRUMMOND ISLAND, MI (INCLUDED IN ST. MARYS RIVER)

Section Included: Private loading dock on St. Marys River at Drummond Island, MI. Controlling Depths: 30 feet to and from Lake Huron; 27.0 feet to and from Lake Superior; 27.0 feet to Lake Superior; 23 feet at dock. Project Depth: See St. Marys River.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,496	1995	1,606	1998	1,582	2001	1,198
1993	2,205	1996	1,682	1999	1,732		
1994	1,474	1997	1,560	2000	1,358		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Outbound	Lakewise Shipments
Total, all commodities	1,198	15	1,183
Total crude materials, inedible except fuels	1,198	15	1,183
Subtotal soil, sand, gravel, rock and stone	1,198	15	1,183
4322 limestone	1,198	15	1,183

ST. MARYS RIVER, MI

Section Included: Entire length of St. Marys River from Lake Superior to Lake Huron, including American ports of Sault Ste. Marie, Raber, Lime Island, Drummond Island, and Detour, Michigan.

Name of Canal	Project Depth	Controlling Depth
Gros Cap Reefs	30.0	30.0
Point Iroquois Shoal Channel	30.0	29.4
Point Iroquois Anchorage areas	29.0	21.0
Birch Point Course	28.0-30.0	30.0
Brush Point Course	28.0-	30.0
Point Louise Channel	28.0	28.0
Point Aux Pins Course	28.0	28.0
Vidal Shoals Channel	28.0	28.0
Locks and Canal (see report for St. Marys Fall Canal)		
Bayfield Channel Course 1	28.0	28.0
Anchorage and maneuver area angle courses 1 and 2	28.5	28.5
Little Rapids Courses 2 and 3	27.0	27.0
Lake Nicolet Channel	29.0	29.0
Lake Nicolet Anchorage	28.0	28.0
Middle Neebish Channel	27.0-28.0	27.0
West Neebish Channel	27.5-28.5	27.5
Lake Munuscong Channel	28.0	28.0
Lime Island Channel	29.0	29.0
Detour Passage	30.0	29.0
Pipe Island Course	29.0	29.0
Watson Reef Course	30.0	30.0
Crab Island	30.0	30.0

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	71,223	1995	78,639	1998	82,235	2001	74,916
1993	69,623	1996	78,939	1999	81,315		
1994	75,939	1997	83,822	2000	84,925		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound	Downbnd			Upbound	Downbnd
Total, all commodities	23,905	89	2,861	34	29	3,253	17,639
Total coal	7,615	—	—	—	—	1,289	6,326
1100 coal lignite	7,598	—	—	—	—	1,289	6,310
1200 coal coke	17	—	—	—	—	—	17
Total petroleum and petroleum products	79	—	—	—	—	54	25
Subtotal petroleum products	79	—	—	—	—	54	25
2430 asphalt, tar & pitch	3	—	—	—	—	—	3
2540 petroleum coke	75	—	—	—	—	54	22
Total chemicals and related products	389	29	—	—	—	56	303
Subtotal fertilizers	292	29	—	—	—	—	263
3110 nitrogenous fert.	48	29	—	—	—	—	19
3130 potassic fert.	244	—	—	—	—	—	244
Subtotal other chemicals and related products	97	—	—	—	—	56	40
3274 sodium hydroxide	12	—	—	—	—	12	—
3276 metallic salts	49	—	—	—	—	45	5
3286 plastics	36	—	—	—	—	—	36
Total crude materials, inedible except fuels	9,906	24	92	34	29	1,458	8,269
Subtotal forest products, wood and chips	96	10	—	—	—	—	86
4189 lumber	96	10	—	—	—	—	86
Subtotal pulp and waste paper	2	2	—	—	—	—	—
4225 pulp & waste paper	2	2	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	1,915	—	—	—	29	783	1,104
4322 limestone	952	—	—	—	15	736	201
4331 sand & gravel	964	—	—	—	14	47	903
Subtotal iron ore and scrap	4,772	—	—	—	—	112	4,660
4410 iron ore	4,754	—	—	—	—	112	4,642
4420 iron & steel scrap	18	—	—	—	—	—	18
Subtotal sulphur, clay and salt	2,150	—	92	—	—	69	1,989
4782 clay & refrac. mat.	2,150	—	92	—	—	69	1,989
Subtotal slag	421	—	—	—	—	8	413
4860 slag	421	—	—	—	—	8	413
Subtotal other non-metal. min.	550	12	—	34	—	486	18
4900 non-metal. min. nec	550	12	—	34	—	486	18

ST. MARYS RIVER, MI
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound	Downbnd			Upbound	Downbnd
Total primary manufactured goods	1,891	34	---	---	---	349	1,507
Subtotal lime, cement and glass	1,839	---	---	---	---	349	1,490
5220 cement & concrete	1,813	---	---	---	---	349	1,463
5290 misc. mineral prod.	26	---	---	---	---	---	26
Subtotal primary iron and steel products	34	34	---	---	---	---	---
5330 i&s plates & sheets	34	34	---	---	---	---	---
Subtotal primary non-ferrous metal products	18	---	---	---	---	---	18
5480 fab. metal products	18	---	---	---	---	---	18
Total food and farm products	4,013	---	2,768	---	---	47	1,198
Subtotal grain	2,522	---	2,097	---	---	40	385
6241 wheat	1,945	---	1,714	---	---	---	230
6344 corn	395	---	355	---	---	40	---
6443 barley & rye	30	---	28	---	---	---	3
6445 oats	152	---	---	---	---	---	152
Subtotal oilseeds	1,278	---	503	---	---	7	768
6522 soybeans	1,168	---	393	---	---	7	768
6534 flaxseed	63	---	63	---	---	---	---
6590 oilseeds nec	48	---	48	---	---	---	---
Subtotal vegetable products	34	---	13	---	---	---	21
6653 vegetable oils	21	---	---	---	---	---	21
6654 vegetables & prod.	13	---	13	---	---	---	---
Subtotal processed grain and animal feed	91	---	71	---	---	---	19
6747 grain mill products	15	---	---	---	---	---	15
6781 hay & fodder	4	---	---	---	---	---	4
6782 animal feed, prep.	71	---	71	---	---	---	---
Subtotal other agricultural products	88	---	84	---	---	---	5
6871 coffee	5	---	---	---	---	---	5
6899 farm products nec	84	---	84	---	---	---	---
Total all manufactured equipment, machinery and products	2	1	0	---	---	---	1
7110 machinery (not elec)	2	1	---	---	---	---	1
7120 electrical machinery	1	1	---	---	---	---	---
7230 ships & boats	0	---	0	---	---	---	---
Total unknown or not elsewhere classified	9	---	---	---	---	---	9
9900 unknown or nec	9	---	---	---	---	---	9
Ton-miles (x1000) Foreign & Canadian	1,269,860	5,694	183,090	1,575	974	155,508	923,019

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	51,012	28	1,183	4,711	45,089
Total coal	10,416	---	---	1,194	9,222
1100 coal lignite	10,416	---	---	1,194	9,222
Total chemicals and related products	21	---	---	21	---
Subtotal other chemicals and related products	21	---	---	21	---
3276 metallic salts	21	---	---	21	---
Total crude materials, inedible except fuels	40,008	28	1,183	3,247	35,550
Subtotal soil, sand, gravel, rock and stone	4,479	28	1,183	3,213	54
4322 limestone	4,477	28	1,183	3,211	54
4331 sand & gravel	2	---	---	2	---
Subtotal iron ore and scrap	35,495	---	---	---	35,495
4410 iron ore	35,468	---	---	---	35,468
4420 iron & steel scrap	27	---	---	---	27
Subtotal slag	33	---	---	33	---
4860 slag	33	---	---	33	---
Total primary manufactured goods	249	---	---	249	---
Subtotal lime, cement and glass	249	---	---	249	---
5220 cement & concrete	249	---	---	249	---

ST. MARYS RIVER, MI
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total food and farm products	317	---	---	---	317
Subtotal grain	317	---	---	---	317
6241 wheat	317	---	---	---	317
Ton-miles (x1000)	3,258,246	1,293	37,993	333,271	2,885,688
Lakewise					
Tons All Traffic (x1000)	74,916				
Ton-miles All Traffic (x1000)	4,528,105				

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN
(INCLUDED IN ST. MARYS RIVER)

Section Included: American and Canadian Navigation Canals and Locks at St. Marys Falls, Sault Ste. Marie, MI. and Ontario. Controlling Depths: Sabin Lock 23.1, Davis Lock 23.1, Macarthur Lock 31.0, Poe Lock 32.0 and 16.8 feet Canadian Canal. Project Depth: See St. Marys River.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	67,752	1995	75,113	1998	78,296	2001	68,179
1993	65,351	1996	75,353	1999	76,675		
1994	72,657	1997	79,850	2000	77,956		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound	Downbnd	Upbound	Downbnd	Through		
						Upbound	Downbnd	
Total, all commodities	68,179	89	2,861	1,092	13,990	50,147	5,058	45,089
Total coal	16,899	—	—	173	6,310	10,416	1,194	9,222
1100 coal lignite	16,899	—	—	173	6,310	10,416	1,194	9,222
Total petroleum and petroleum products	75	—	—	54	22	—	—	—
Subtotal petroleum products	75	—	—	54	22	—	—	—
2540 petroleum coke	75	—	—	54	22	—	—	—
Total chemicals and related products	400	29	—	46	303	21	21	—
Subtotal fertilizers	292	29	—	—	263	—	—	—
3110 nitrogenous fert.	48	29	—	—	19	—	—	—
3130 potassic fert.	244	—	—	—	244	—	—	—
Subtotal other chemicals and related products	108	—	—	46	40	21	21	—
3274 sodium hydroxide	12	—	—	12	—	—	—	—
3276 metallic salts	61	—	—	35	5	21	21	—
3286 plastics	36	—	—	—	36	—	—	—
Total crude materials, inedible except fuels	44,506	24	92	548	4,698	39,143	3,593	35,550
Subtotal forest products, wood and chips	96	10	—	—	86	—	—	—
4189 lumber	96	10	—	—	86	—	—	—
Subtotal pulp and waste paper	2	2	—	—	—	—	—	—
4225 pulp & waste paper	2	2	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,655	—	—	40	—	3,614	3,560	54
4322 limestone	3,624	—	—	12	—	3,612	3,558	54
4331 sand & gravel	30	—	—	28	—	2	2	—
Subtotal iron ore and scrap	40,108	—	—	—	4,613	35,495	—	35,495
4410 iron ore	40,081	—	—	—	4,613	35,468	—	35,468
4420 iron & steel scrap	27	—	—	—	—	27	—	27
Subtotal sulphur, clay and salt	118	—	92	26	—	—	—	—
4782 clay & refrac. mat.	118	—	92	26	—	—	—	—
Subtotal slag	41	—	—	8	—	33	33	—
4860 slag	41	—	—	8	—	33	33	—
Subtotal other non-metal. min.	486	12	—	474	—	—	—	—
4900 non-metal. min. nec	486	12	—	474	—	—	—	—
Total primary manufactured goods	1,983	34	—	237	1,463	249	249	—
Subtotal lime, cement and glass	1,949	—	—	237	1,463	249	249	—
5220 cement & concrete	1,949	—	—	237	1,463	249	249	—
Subtotal primary iron and steel products	34	34	—	—	—	—	—	—
5330 i&s plates & sheets	34	34	—	—	—	—	—	—
Total food and farm products	4,313	—	2,768	35	1,193	317	—	317
Subtotal grain	2,827	—	2,097	28	385	317	—	317
6241 wheat	2,261	—	1,714	—	230	317	—	317
6344 corn	383	—	355	28	—	—	—	—
6443 barley & rye	30	—	28	—	3	—	—	—
6445 oats	152	—	—	—	152	—	—	—
Subtotal oilseeds	1,278	—	503	7	768	—	—	—
6522 soybeans	1,168	—	393	7	768	—	—	—
6534 flaxseed	63	—	63	—	—	—	—	—
6590 oilseeds nec	48	—	48	—	—	—	—	—
Subtotal vegetable products	34	—	13	—	21	—	—	—
6653 vegetable oils	21	—	—	—	21	—	—	—
6654 vegetables & prod.	13	—	13	—	—	—	—	—
Subtotal processed grain and animal feed	91	—	71	—	19	—	—	—
6747 grain mill products	15	—	—	—	15	—	—	—

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN
(INCLUDED IN ST. MARYS RIVER)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound	Downbnd	Upbound	Downbnd		Through Upbound	Downbnd
6781 hay & fodder	4	—	—	—	4	—	—	—
6782 animal feed, prep.	71	—	71	—	—	—	—	—
Subtotal other agricultural products	84	—	84	—	—	—	—	—
6899 farm products nec	84	—	84	—	—	—	—	—
Total all manufactured equipment, machinery and products	2	1	0	—	1	—	—	—
7110 machinery (not elec)	2	1	—	—	1	—	—	—
7120 electrical machinery	1	1	—	—	—	—	—	—
7230 ships & boats	0	—	0	—	—	—	—	—
Ton-miles (x1000)	3,910,659	5,605	180,229	15,063	768,853	2,940,909	100,310	2,840,600
Tons All Traffic (x1000)		68,179						
Ton-miles All Traffic (x1000)		3,910,659						

GRAYS REEF PASSAGE, MI

Section Included: East channel, 3,000 feet wide and about 2 miles long. Controlling and project depths: 25 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	8,826	1995	8,792	1998	10,489	2001	13,010
1993	8,892	1996	8,152	1999	10,586		
1994	9,763	1997	8,677	2000	12,497		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic			Internal Through Downbnd
		Through Upbound	Total	Lakewise Through Upbound	Downbnd	
Total, all commodities	13,010	145	12,865	4,222	8,633	10
Total coal	3,421	---	3,421	1,101	2,321	---
1100 coal lignite	3,083	---	3,083	763	2,321	---
1200 coal coke	338	---	338	338	---	---
Total petroleum and petroleum products	677	---	677	534	134	10
Subtotal petroleum products	677	---	677	534	134	10
2211 gasoline	220	---	220	207	13	---
2330 distillate fuel oil	71	---	71	38	29	4
2340 residual fuel oil	45	---	45	15	30	---
2430 asphalt, tar & pitch	283	---	283	221	62	---
2540 petroleum coke	58	---	58	53	---	5
Total chemicals and related products	99	---	99	99	---	---
Subtotal other chemicals and related products	99	---	99	99	---	---
3276 metallic salts	99	---	99	99	---	---
Total crude materials, inedible except fuels	6,723	41	6,683	2,085	4,597	---
Subtotal soil, sand, gravel, rock and stone	6,008	41	5,968	1,978	3,990	---
4322 limestone	5,715	---	5,715	1,960	3,755	---
4323 gypsum	217	---	217	---	217	---
4331 sand & gravel	76	41	36	18	17	---
Subtotal iron ore and scrap	173	---	173	27	146	---
4410 iron ore	173	---	173	27	146	---
Subtotal sulphur, clay and salt	25	---	25	---	25	---
4782 clay & refrac. mat.	25	---	25	---	25	---
Subtotal slag	212	---	212	80	132	---
4860 slag	212	---	212	80	132	---
Subtotal other non-metal. min.	305	---	305	---	305	---
4900 non-metal. min. nec	305	---	305	---	305	---
Total primary manufactured goods	2,089	105	1,984	403	1,581	---
Subtotal lime, cement and glass	2,089	105	1,984	403	1,581	---
5220 cement & concrete	2,089	105	1,984	403	1,581	---
Ton-miles (x1000)	1,410,467	2,900	1,407,567	513,699	891,849	2,020
Tons All Traffic (x1000)	13,010					
Ton-miles All Traffic (x1000)	1,410,467					

CHARLEVOIX HARBOR, MI

Section Included: Entrance channel and entire area of Round Lake and Lake Charlevoix, including Advance, Boyne City and East Jordan. Controlling Depth: 18 feet. Project Depth: 23 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,353	1995	1,584	1998	1,281	2001	1,533
1993	1,467	1996	1,666	1999	1,489		
1994	1,549	1997	1,529	2000	1,748		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian Outbound	Domestic			
			Total	Lakewise		Internal Shipments
				Receipts	Shipments	
Total, all commodities	1,533	105	1,428	283	1,140	5
Total coal	202	—	202	202	—	—
1100 coal lignite	202	—	202	202	—	—
Total crude materials, inedible except fuels	72	—	72	72	—	—
Subtotal slag	72	—	72	72	—	—
4860 slag	72	—	72	72	—	—
Total primary manufactured goods	1,236	105	1,131	—	1,126	5
Subtotal lime, cement and glass	1,236	105	1,131	—	1,126	5
5220 cement & concrete	1,236	105	1,131	—	1,126	5
Total unknown or not elsewhere classified	23	—	23	9	13	—
9900 unknown or nec	23	—	23	9	13	—

MANISTEE HARBOR, MI

Section Included: Entrance channel and entire area of Manistee Lake, including Filer City. Controlling Depths: 24 feet over the entrance bar, through the outer basin and in the channel between the piers; thence 23 feet in the river channel, narrowing to a minimum width of about 100 to 140 feet to Manistee Lake. Project Depths: 25 feet in the outer basin and 23 feet in the river to Manistee Lake. Navigation season: March 30 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	456	1995	432	1998	435	2001	1,227
1993	425	1996	460	1999	421		
1994	483	1997	477	2000	370		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic
		Inbound	Outbound	Lakewise Receipts
Total, all commodities	1,227	49	697	481
Total coal	382	---	---	382
1100 coal lignite	369	---	---	369
1200 coal coke	13	---	---	13
Total chemicals and related products	534	---	534	---
Subtotal other chemicals and related products	534	---	534	---
3276 metallic salts	534	---	534	---
Total crude materials, inedible except fuels	311	49	163	99
Subtotal soil, sand, gravel, rock and stone	99	---	---	99
4322 limestone	99	---	---	99
Subtotal slag	14	14	---	---
4860 slag	14	14	---	---
Subtotal other non-metal. min.	198	35	163	---
4900 non-metal. min. nec	198	35	163	---

LUDINGTON HARBOR, MI

Section Included: Entrance channel and entire area of Pere Marquette Lake. Controlling Depths: 26 feet in the outer entrance bar and 27 feet in the channel to Pere Marquette Lake. Project Depths: Outer entrance channel, 30 feet; inner entrance channel, 29.5 feet; channel to Pere Marquette Lake, 29 feet; north and south mooring basins, 18 feet. Navigation season: April 2 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	846	1995	1,150	1998	1,075	2001	631
1993	966	1996	1,237	1999	493		
1994	1,093	1997	864	2000	512		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound	Inbound	Outbound	Total	Lakewise	
							Receipts	Shipments
Total, all commodities	631	45	20	105	68	392	152	146
Total chemicals and related products	309	—	—	—	68	241	—	146
Subtotal other chemicals and related products	309	—	—	—	68	241	—	146
3272 sulphuric acid	15	—	—	—	—	15	—	8
3276 metallic salts	294	—	—	—	68	226	—	138
Total crude materials, inedible except fuels	322	45	20	105	—	152	152	—
Subtotal soil, sand, gravel, rock and stone	211	—	—	60	—	152	152	—
4322 limestone	167	—	—	16	—	152	152	—
4331 sand & gravel	44	—	—	44	—	—	—	—
Subtotal iron ore and scrap	6	6	—	—	—	—	—	—
4410 iron ore	6	6	—	—	—	—	—	—
Subtotal sulphur, clay and salt	59	39	20	—	—	—	—	—
4782 clay & refrac. mat.	59	39	20	—	—	—	—	—
Subtotal slag	46	—	—	46	—	—	—	—
4860 slag	46	—	—	46	—	—	—	—

MUSKEGON HARBOR, MI

Section Included: Entrance channel and entire area of Muskegon Lake. Controlling Depths: 29.0 feet through the outer portion of project and 27 feet in channel to Muskegon Lake. Project Depth: Varying from 29.0 feet at harbor entrance to 28 feet between breakwaters and 27 feet in inner channel. Navigation season: April 7 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,562	1995	1,825	1998	1,936	2001	2,324
1993	1,635	1996	2,172	1999	1,925		
1994	2,004	1997	2,061	2000	2,435		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic
		Inbound	Inbound	Lakewise Receipts
Total, all commodities	2,324	3	402	1,919
Total coal	1,245	---	---	1,245
1100 coal lignite	1,245	---	---	1,245
Total crude materials, inedible except fuels	855	---	384	471
Subtotal soil, sand, gravel, rock and stone	434	---	46	388
4322 limestone	388	---	---	388
4331 sand & gravel	46	---	46	---
Subtotal sulphur, clay and salt	80	---	80	---
4782 clay & refrac. mat.	80	---	80	---
Subtotal slag	155	---	114	41
4860 slag	155	---	114	41
Subtotal other non-metal. min.	186	---	145	42
4900 non-metal. min. nec	186	---	145	42
Total primary manufactured goods	221	---	18	204
Subtotal lime, cement and glass	204	---	---	204
5220 cement & concrete	204	---	---	204
Subtotal primary non-ferrous metal products	18	---	18	---
5480 fab. metal products	18	---	18	---
Total all manufactured equipment, machinery and products	3	3	---	---
7110 machinery (not elec)	3	3	---	---

GRAND HAVEN HARBOR AND GRAND RIVER, MI

Section Included: Entire harbor, including Ferrysburg and Spring Lake; and Grand River from Grand Trunk RY. Bridge at Ferrysburg to Bass River about 15 miles. Controlling Depths: 22 feet in entrance channel; 21 feet to the mouth of the south channel; 21 feet to the sag; 20 feet to Grand Trunk RY. Bridge at Ferrysburg; 18 feet in the Turning Basin; 17 feet in channel to Spring Lake; thence 8 feet to mile 17.0 and 5 feet to the end of the project. Project Depths: 23 feet in entrance channel; 21 feet to Ferrysburg; 18 feet in channel to Spring Lake; 8 feet to mouth of Bass River. Navigation season: March 1 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	871	1995	961	1998	1,014	2001	1,794
1993	1,004	1996	971	1999	1,110		
1994	878	1997	988	2000	1,555		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic			Internal
		Inbound	Outbound	Total	Lakewise	Outbound Downbnd	
							Receipts
Total, all commodities	1,794	442	73	1,279	880	142	256
Total coal	205	—	—	205	205	—	—
1100 coal lignite	205	—	—	205	205	—	—
Total crude materials, inedible except fuels	1,469	434	73	962	563	142	256
Subtotal soil, sand, gravel, rock and stone	946	49	73	825	427	142	256
4322 limestone	440	4	—	436	427	—	9
4331 sand & gravel	506	45	73	389	—	142	247
Subtotal sulphur, clay and salt	168	168	—	—	—	—	—
4782 clay & refrac. mat.	168	168	—	—	—	—	—
Subtotal slag	282	146	—	137	137	—	—
4860 slag	282	146	—	137	137	—	—
Subtotal other non-metal. min.	72	72	—	—	—	—	—
4900 non-metal. min. nec	72	72	—	—	—	—	—
Total primary manufactured goods	120	8	—	112	112	—	—
Subtotal lime, cement and glass	119	8	—	111	111	—	—
5220 cement & concrete	111	—	—	111	111	—	—
5290 misc. mineral prod.	8	8	—	—	—	—	—
Subtotal primary non-ferrous metal products	1	—	—	1	1	—	—
5480 fab. metal products	1	—	—	1	1	—	—

HOLLAND HARBOR, MI

Section Included: Controlling Depths: Entrance channel - 23 feet decreasing to 20 feet at the outer end of the inner pier; thence a controlling depth of 19 feet for a channel through Lake Macatawa to the wharves in Holland, Michigan, a Turning Basin 18 feet deep, a channel in Black River 21 feet deep and a settling basin with a project depth of 17 feet above the Black River channel to the State Street Bridge. Navigation season: March 13 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	316	1995	432	1998	476	2001	443
1993	317	1996	407	1999	453		
1994	391	1997	398	2000	389		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
Total, all commodities	443	437	6
Total coal	184	184	—
1100 coal lignite	184	184	—
Total crude materials, inedible except fuels	260	253	6
Subtotal soil, sand, gravel, rock and stone	253	253	—
4322 limestone	253	253	—
Subtotal iron ore and scrap	6	—	6
4420 iron & steel scrap	6	—	6

ST. JOSEPH HARBOR, MI

Section Included: Entrance channel and lower portion of St. Joseph River to and including Benton Harbor Canal. Controlling Depth: 24 feet at entrance; 21 feet between entrance piers and in the river to the mouth of the Paw Paw River; with miscellaneous of shoaling along the channel limits; 17 feet in the Turning Basin; and 16 feet at Benton Harbor Canal. Project Depths: 24 feet at entrance, and 21 feet in channel and river to the mouth of the Paw Paw River; 18 feet in turning basins and the Benton Harbor Canal. Navigation season: March 7 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	543	1995	598	1998	747	2001	1,015
1993	485	1996	447	1999	510		
1994	631	1997	609	2000	735		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic	
		Lakewise	Internal
		Receipts	Inbound Upbound
Total, all commodities	1,015	759	256
Total crude materials, inedible except fuels	782	526	256
Subtotal soil, sand, gravel, rock and stone	782	526	256
4322 limestone	375	366	9
4331 sand & gravel	407	160	247
Total primary manufactured goods	234	234	—
Subtotal lime, cement and glass	234	234	—
5220 cement & concrete	234	234	—

CHEBOYGAN HARBOR, MI

Section Included: Entrance channel and 3,500 feet of river. Controlling Depth: 21 feet to East First Street, including turning basin, and 18.5 feet to the State Road Bridge. Project Depth: 21 feet to East First Street; 18.5 feet to the State Road Bridge; 8.5 feet above the State Road Bridge to Lock in Cheboygan River; 21 feet in turning basin. Navigation season: 14 April to 9 December.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	110	1995	314	1998	308	2001	279
1993	221	1996	276	1999	365		
1994	299	1997	282	2000	298		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Lakewise Receipts
Total, all commodities	279	279
Total petroleum and petroleum products	279	279
Subtotal petroleum products	279	279
2211 gasoline	221	221
2330 distillate fuel oil	34	34
2340 residual fuel oil	2	2
2990 petro. products nec	22	22
Total all manufactured equipment, machinery and products	0	0
7900 manufac. prod. nec	0	0

MILWAUKEE HARBOR, WI

Section Included: Lake Approach Channel, outer harbor, Milwaukee River to Buffalo Street, lower 2 miles of Menomonee River, lower 2 miles of Kinnickinnic River and South Menomonee and Burnham Canals. Controlling and project depths: 30 feet in Lake Approach Channel, 28 feet in the entrance channel and the south outer harbor, 21 feet in the north outer harbor, 27 feet in the Kinnickinnic River to the Chicago and North Western Railway Bridge at mile 1.0, thence 21 feet to South Kinnickinnic Avenue Bridge; 27 feet in Milwaukee River to the Chicago and North Western Railway Bridge at mile 0.21, thence 21 feet to East Buffalo Street Bridge; 21 feet in Menomonee River and South Menomonee and Burnham Canals.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,153	1995	3,262	1998	3,108	2001	3,373
1993	2,496	1996	2,858	1999	3,531		
1994	2,641	1997	3,265	2000	3,539		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound	Inbound	Outbound	Total	Lakewise	
							Receipts	Shipments
Total, all commodities	3,373	165	57	1,017	405	1,728	1,723	5
Total coal	770	---	---	---	---	770	770	---
1100 coal lignite	770	---	---	---	---	770	770	---
Total petroleum and petroleum products	206	---	---	---	---	206	206	---
Subtotal petroleum products	206	---	---	---	---	206	206	---
2430 asphalt, tar & pitch	164	---	---	---	---	164	164	---
2540 petroleum coke	42	---	---	---	---	42	42	---
Total crude materials, inedible except fuels	1,262	39	---	965	97	161	157	4
Subtotal pulp and waste paper	2	2	---	---	---	---	---	---
4225 pulp & waste paper	2	2	---	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	103	---	---	---	97	7	3	4
4323 gypsum	2	---	---	---	---	2	2	---
4331 sand & gravel	97	---	---	---	97	---	---	---
4335 waterway improv. mat	5	---	---	---	---	5	1	4
Subtotal slag	10	---	---	5	---	5	5	---
4860 slag	10	---	---	5	---	5	5	---
Subtotal other non-metal. min.	1,147	38	---	960	---	149	149	---
4900 non-metal. min. nec	1,147	38	---	960	---	149	149	---
Total primary manufactured goods	765	121	1	52	---	592	591	1
Subtotal lime, cement and glass	662	23	---	48	---	591	591	---
5220 cement & concrete	661	22	---	48	---	591	591	---
5240 glass & glass prod.	1	1	---	---	---	---	---	---
Subtotal primary iron and steel products	97	94	0	3	---	---	---	---
5312 pig iron	3	---	---	3	---	---	---	---
5320 i&s primary forms	1	1	0	---	---	---	---	---
5330 i&s plates & sheets	77	77	---	---	---	---	---	---
5360 i&s bars & shapes	16	16	---	---	---	---	---	---
5390 primary i&s nec	0	0	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	6	4	1	---	---	1	---	1
5480 fab. metal products	6	4	1	---	---	1	---	1
Total food and farm products	365	---	56	---	309	---	---	---
Subtotal grain	276	---	56	---	220	---	---	---
6241 wheat	11	---	---	---	11	---	---	---
6344 corn	265	---	56	---	209	---	---	---
Subtotal oilseeds	89	---	---	---	89	---	---	---
6522 soybeans	89	---	---	---	89	---	---	---
Total all manufactured equipment, machinery and products	5	5	---	---	---	---	---	---
7110 machinery (not elec)	1	1	---	---	---	---	---	---
7120 electrical machinery	1	1	---	---	---	---	---	---
7210 vehicles & parts	2	2	---	---	---	---	---	---
7230 ships & boats	0	0	---	---	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---	---	---
Total unknown or not elsewhere classified	0	0	---	---	---	---	---	---
9900 unknown or nec	0	0	---	---	---	---	---	---

*Includes 0 (x1000) tons of foreign inbound in-transits.

PORT WASHINGTON HARBOR, WI

Section Included: Outer harbor and interior basins. Controlling and project depths: 21 feet in the entrance channel and outer turning basin; 18 feet in inner basins.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	120	1995	390	1998	596	2001	601
1993	84	1996	546	1999	409		
1994	335	1997	595	2000	556		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Lakewise Receipts
Total, all commodities	601	601
Total coal	601	601
1100 coal lignite	601	601

MANITOWOC HARBOR, WI

Section Included: Outer harbor and lower 2 miles of river. Controlling and project depths: 21 feet in the Lake Approach Channel, the outer harbor, and in the river channel to the Third Railway Bridge.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	274	1995	373	1998	414	2001	408
1993	300	1996	312	1999	379		
1994	330	1997	407	2000	287		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
Total, all commodities	408	324	83
Total coal	119	119	—
1100 coal lignite	119	119	—
Total crude materials, inedible except fuels	86	2	83
Subtotal soil, sand, gravel, rock and stone	86	2	83
4322 limestone	13	—	13
4335 waterway improv. mat	73	2	71
Total primary manufactured goods	203	203	—
Subtotal lime, cement and glass	203	203	—
5220 cement & concrete	203	203	—

GREEN BAY HARBOR, WI

Section Included: Outer channel, channel through the city of Green Bay and upper river channel to city of De Pere. Controlling and project depths: 26 feet in outer channel to Grassy Island; 24 feet in the entrance channel and river channel to a point 1,700 feet upstream from the C. & N. W. R. R. Bridge; 24 feet in the turning basin at the mouth of the East River; 20 feet in the turning basin above the C. & N. W. R. R. Bridge; 18 feet in the upper river channel and turning basin at the city of De Pere.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,431	1995	2,122	1998	2,353	2001	2,242
1993	2,587	1996	2,176	1999	2,333		
1994	2,288	1997	2,130	2000	1,551		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Lakewise	
					Receipts	Shipments	
Total, all commodities	2,242	263	18	218	1,743	1,724	20
Total coal	728	—	—	—	728	728	—
1100 coal lignite	728	—	—	—	728	728	—
Total petroleum and petroleum products	68	—	—	—	68	68	—
Subtotal petroleum products	68	—	—	—	68	68	—
2430 asphalt, tar & pitch	68	—	—	—	68	68	—
Total chemicals and related products	24	—	—	—	24	24	—
Subtotal other chemicals and related products	24	—	—	—	24	24	—
3276 metallic salts	24	—	—	—	24	24	—
Total crude materials, inedible except fuels	957	211	14	138	595	575	20
Subtotal forest products, wood and chips	3	3	—	—	—	—	—
4189 lumber	3	3	—	—	—	—	—
Subtotal pulp and waste paper	221	208	14	—	—	—	—
4225 pulp & waste paper	221	208	14	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	533	—	—	—	533	513	20
4322 limestone	533	—	—	—	533	513	20
Subtotal other non-metal. min.	200	—	—	138	62	62	—
4900 non-metal. min. nec	200	—	—	138	62	62	—
Total primary manufactured goods	459	52	—	79	328	328	—
Subtotal lime, cement and glass	361	—	—	33	328	328	—
5220 cement & concrete	361	—	—	33	328	328	—
Subtotal primary iron and steel products	98	52	—	47	—	—	—
5312 pig iron	98	52	—	47	—	—	—
Total food and farm products	4	—	4	—	—	—	—
Subtotal other agricultural products	4	—	4	—	—	—	—
6838 tallow, animal oils	4	—	4	—	—	—	—

ALPENA HARBOR, MI

Section Included: Lower 4,000 feet of river and private harbors north of mouth of Thunder Bay River. Controlling Depth: 21 feet in the bay section; 17 feet in river; 15 feet in turning basin. Project Depths: channel 21 feet deep from that depth in Thunder Bay to a point 2,500 feet lakeward of the lighthouse; thence 18.5 feet in river narrowing to 100-foot width at a point 700 feet upstream from the lighthouse; thence 100 feet wide and 18.5 feet deep to the Second Ave. Bridge; thence 18.5 feet deep and 75 feet wide to the upper limits of the project; a turning basin 15 feet deep by 3.7 acres at the upper end of project; and a turning basin 18.5 feet deep at the river mouth. Navigation season: March 15 to December 17.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,486	1995	2,767	1998	3,078	2001	3,268
1993	2,547	1996	2,345	1999	3,947		
1994	2,672	1997	2,901	2000	3,405		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
Total, all commodities	3,268	42	105	3,121	784	2,337
Total coal	572	—	19	553	553	—
1100 coal lignite	317	—	19	299	299	—
1200 coal coke	255	—	—	255	255	—
Total chemicals and related products	25	—	25	—	—	—
Subtotal other chemicals and related products	25	—	25	—	—	—
3292 starches, gluten, glue	25	—	25	—	—	—
Total crude materials, inedible except fuels	280	38	—	242	231	11
Subtotal soil, sand, gravel, rock and stone	212	—	—	212	204	8
4322 limestone	212	—	—	212	204	8
Subtotal iron ore and scrap	27	—	—	27	27	—
4410 iron ore	27	—	—	27	27	—
Subtotal slag	3	—	—	3	—	3
4860 slag	3	—	—	3	—	3
Subtotal other non-metal. min.	38	38	—	—	—	—
4900 non-metal. min. nec	38	38	—	—	—	—
Total primary manufactured goods	2,388	—	61	2,326	—	2,326
Subtotal lime, cement and glass	2,388	—	61	2,326	—	2,326
5220 cement & concrete	2,388	—	61	2,326	—	2,326
Total unknown or not elsewhere classified	4	4	—	—	—	—
9900 unknown or nec	4	4	—	—	—	—

SAGINAW RIVER, MI

Section Included: From the mouth of the river up to and including Saginaw, Michigan. Controlling Depths: 27 feet from the 25 foot contour in Saginaw Bay to 26 feet at the river mouth, 4 feet miscellaneous shoaling along channel limits; thence 24 feet to the Grand Trunk R.R. Bridge; thence 22 feet to the C&O R.R. Bridge in Saginaw, Michigan; thence 14 feet to the Holland Street Bridge; thence about 7 feet over a width of 100 feet upstream to Green Point (this section not maintained). Controlling depths in turning basins are: Essexville - 23 feet north side, 22 feet south side; Airport - 21 feet; Carrollton - 19 feet; Sixth Street - 20 feet; basin at 19 mile point - 15 feet. Project Depths: 27 feet from the deep water in Saginaw Bay to the river mouth; thence 26 feet for 0.4 mile; thence 25 feet to the Grand Trunk R.R. Bridge; thence 22 feet to the C&O R.R. Bridge in Saginaw; thence 16.5 feet to the upstream limits at Green Point. 20 and 25 feet in Essexville Turning Basin; 22 feet in the Airport turning basin; 20 feet in the Carrollton Turning Basin; 20 feet in the Sixth Street Turning Basin and 15 feet in the Turning Basin at the 19 mile point. Navigation season: March 24 to December 31.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	3,789	1995	4,720	1998	5,609	2001	5,839
1993	5,234	1996	5,264	1999	5,290		
1994	5,119	1997	5,730	2000	4,609		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic		
		Inbound	Total	Lakewise	
				Receipts	Shipments
Total, all commodities	5,839	1,641	4,198	4,190	9
Total coal	307	—	307	307	—
1100 coal lignite	307	—	307	307	—
Total petroleum and petroleum products	285	122	162	154	9
Subtotal petroleum products	285	122	162	154	9
2211 gasoline	112	45	67	67	—
2330 distillate fuel oil	56	36	20	20	—
2340 residual fuel oil	95	42	54	54	—
2430 asphalt, tar & pitch	13	—	13	13	—
2990 petro. products nec	9	—	9	—	9
Total chemicals and related products	110	32	78	78	—
Subtotal fertilizers	27	27	—	—	—
3110 nitrogenous fert.	19	19	—	—	—
3130 potassic fert.	8	8	—	—	—
Subtotal other chemicals and related products	82	5	78	78	—
3276 metallic salts	82	5	78	78	—
Total crude materials, inedible except fuels	4,475	1,047	3,428	3,428	—
Subtotal soil, sand, gravel, rock and stone	3,418	77	3,341	3,341	—
4322 limestone	3,332	—	3,332	3,332	—
4331 sand & gravel	86	77	9	9	—
Subtotal sulphur, clay and salt	624	624	—	—	—
4782 clay & refrac. mat.	624	624	—	—	—
Subtotal slag	127	127	—	—	—
4860 slag	127	127	—	—	—
Subtotal other non-metal. min.	306	219	87	87	—
4900 non-metal. min. nec	306	219	87	87	—
Total primary manufactured goods	664	440	224	224	—
Subtotal lime, cement and glass	664	440	224	224	—
5220 cement & concrete	664	440	224	224	—

ST. CLAIR RIVER, MI

Section Included: Entire length of St. Clair River and Black River up to Washington Avenue in Port Huron. Controlling Depths: 27 to 30 feet in St. Clair River at Port Huron and 20 feet in Black River.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	68,613	1995	78,813	1998	84,238	2001	79,143
1993	69,062	1996	78,546	1999	79,910		
1994	75,531	1997	79,777	2000	85,078		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound*	Downbnd			Upbound	Downbnd*
Total, all commodities	34,875	1,875	3,115	735	22	8,994	20,135
Total coal	11,154	26	---	---	---	4,457	6,671
1100 coal lignite	10,820	---	---	---	---	4,457	6,363
1200 coal coke	333	26	---	---	---	---	308
Total petroleum and petroleum products	990	---	---	30	---	419	541
Subtotal crude petroleum	13	---	---	---	---	5	8
2100 crude petroleum	13	---	---	---	---	5	8
Subtotal petroleum products	977	---	---	30	---	414	533
2211 gasoline	146	---	---	---	---	146	---
2221 kerosene	56	---	---	---	---	56	---
2330 distillate fuel oil	256	---	---	---	---	129	127
2340 residual fuel oil	219	---	---	30	---	76	114
2429 naphtha & solvents	7	---	---	---	---	7	---
2540 petroleum coke	292	---	---	---	---	---	292
Total chemicals and related products	1,033	43	---	11	---	130	849
Subtotal fertilizers	198	29	---	---	---	---	169
3110 nitrogenous fert.	29	29	---	---	---	---	---
3130 potassic fert.	161	---	---	---	---	---	161
3190 fert. & mixes nec	8	---	---	---	---	---	8
Subtotal other chemicals and related products	835	14	---	11	---	130	680
3212 benzene & toluene	39	---	---	---	---	---	39
3219 other hydrocarbons	20	10	---	---	---	---	10
3220 alcohols	3	---	---	---	---	---	3
3274 sodium hydroxide	52	---	---	---	---	52	---
3275 inorg. elem., oxides, & halogen salts	90	4	---	---	---	32	54
3276 metallic salts	528	---	---	---	---	17	511
3282 pigments & paints	44	---	---	---	---	8	36
3293 explosives	11	---	---	---	---	11	---
3299 chem. products nec	49	---	---	11	---	11	27
Total crude materials, inedible except fuels	13,156	386	138	690	22	2,990	8,931
Subtotal forest products, wood and chips	102	16	---	---	---	---	86
4189 lumber	102	16	---	---	---	---	86
Subtotal pulp and waste paper	239	214	25	---	---	---	---
4225 pulp & waste paper	239	214	25	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	4,857	0	---	313	14	127	4,403
4310 building stone	730	0	---	---	---	25	705
4322 limestone	1,492	---	---	28	---	40	1,424
4331 sand & gravel	2,635	---	---	286	14	62	2,273
Subtotal iron ore and scrap	4,495	6	---	---	---	1,626	2,862
4410 iron ore	4,432	6	---	---	---	1,563	2,862
4420 iron & steel scrap	63	---	---	---	---	63	---
Subtotal non-ferrous ores and scrap	113	61	---	---	---	52	---
4650 aluminum ore	61	61	---	---	---	---	---
4680 non-ferrous scrap	0	0	---	---	---	---	---
4690 non-ferrous ores nec	52	---	---	---	---	52	---
Subtotal sulphur, clay and salt	941	39	113	376	---	10	403
4741 sulphur, (dry)	24	---	---	---	---	---	24
4782 clay & refrac. mat.	917	39	113	376	---	10	380
Subtotal slag	388	---	---	---	---	196	192
4860 slag	388	---	---	---	---	196	192
Subtotal other non-metal. min.	2,021	50	---	---	7	980	984
4900 non-metal. min. nec	2,021	50	---	---	7	980	984
Total primary manufactured goods	3,655	1,397	21	---	---	768	1,468
Subtotal lime, cement and glass	2,151	23	---	---	---	670	1,459
5220 cement & concrete	2,064	22	---	---	---	670	1,372
5240 glass & glass prod.	1	1	---	---	---	---	---
5290 misc. mineral prod.	86	---	---	---	---	---	86
Subtotal primary iron and steel products	1,315	1,197	20	---	---	98	---
5312 pig iron	202	103	---	---	---	98	---
5315 ferro alloys	33	33	---	---	---	---	---
5320 i&s primary forms	321	301	19	---	---	---	---
5330 i&s plates & sheets	645	644	1	---	---	---	---
5360 i&s bars & shapes	110	110	---	---	---	---	---
5370 i&s pipe & tube	5	5	---	---	---	---	---

ST. CLAIR RIVER, MI
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian			
		Through		Inbound	Outbound	Through	
		Upbound*	Downbnd			Upbound	Downbnd*
5390 primary i&s nec	0	0	—	—	—	—	—
Subtotal primary non-ferrous metal products	188	178	1	—	—	—	10
5422 aluminum	20	10	—	—	—	—	10
5429 smelted prod. nec	4	4	—	—	—	—	—
5480 fab. metal products	164	163	1	—	—	—	—
Total food and farm products	4,806	—	2,957	5	—	177	1,668
Subtotal grain	3,084	—	2,274	—	—	147	663
6241 wheat	1,990	—	1,714	—	—	29	246
6344 corn	904	—	532	—	—	118	254
6443 barley & rye	30	—	28	—	—	—	3
6445 oats	160	—	—	—	—	—	160
Subtotal oilseeds	1,505	—	510	—	—	30	965
6522 soybeans	1,395	—	399	—	—	30	965
6534 flaxseed	63	—	63	—	—	—	—
6590 oilseeds nec	48	—	48	—	—	—	—
Subtotal vegetable products	34	—	13	—	—	—	21
6653 vegetable oils	21	—	—	—	—	—	21
6654 vegetables & prod.	13	—	13	—	—	—	—
Subtotal processed grain and animal feed	91	—	71	—	—	—	19
6747 grain mill products	15	—	—	—	—	—	15
6781 hay & fodder	4	—	—	—	—	—	4
6782 animal feed, prep.	71	—	71	—	—	—	—
Subtotal other agricultural products	93	—	88	5	—	—	—
6838 tallow, animal oils	4	—	4	—	—	—	—
6871 coffee	5	—	—	5	—	—	—
6899 farm products nec	84	—	84	—	—	—	—
Total all manufactured equipment, machinery and products	49	21	0	—	—	28	1
7110 machinery (not elec)	42	13	—	—	—	28	1
7120 electrical machinery	5	5	—	—	—	—	0
7210 vehicles & parts	2	2	—	—	—	—	—
7230 ships & boats	0	0	0	—	—	—	—
7500 textile products	0	0	—	—	—	—	—
7900 manufac. prod. nec	0	0	—	—	—	—	—
Total unknown or not elsewhere classified	32	2	—	—	—	24	6
9900 unknown or nec	32	2	—	—	—	24	6
Ton-miles (x1000) Foreign & Canadian	1,337,114	73,107	121,496	5,808	693	350,749	785,261

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Through	Through	Upbound
		Upbound	Downbnd	Upbound	
Total, all commodities	44,268	9,734	4,624	29,900	10
Total coal	12,052	7,807	3,703	542	—
1100 coal lignite	11,940	7,807	3,703	430	—
1200 coal coke	112	—	—	112	—
Total petroleum and petroleum products	712	100	325	277	10
Subtotal petroleum products	712	100	325	277	10
2211 gasoline	95	—	95	—	—
2330 distillate fuel oil	100	33	59	3	4
2340 residual fuel oil	151	67	84	—	—
2430 asphalt, tar & pitch	295	—	74	221	—
2540 petroleum coke	58	—	—	53	5
2990 petro. products nec	13	—	13	—	—
Total crude materials, inedible except fuels	30,512	1,827	596	28,089	—
Subtotal soil, sand, gravel, rock and stone	10,611	1,827	2	8,782	—
4322 limestone	10,347	1,827	—	8,520	—
4323 gypsum	128	—	—	128	—
4331 sand & gravel	136	—	2	134	—
Subtotal iron ore and scrap	19,276	—	30	19,247	—
4410 iron ore	19,276	—	30	19,247	—
Subtotal slag	205	—	158	47	—
4860 slag	205	—	158	47	—
Subtotal other non-metal. min.	419	—	406	13	—
4900 non-metal. min. nec	419	—	406	13	—
Total primary manufactured goods	676	—	—	676	—
Subtotal lime, cement and glass	676	—	—	676	—
5220 cement & concrete	676	—	—	676	—

ST. CLAIR RIVER, MI
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Lakewise		Internal	
		Through			Through
		Receipts	Upbound	Downbnd	Upbound
Total food and farm products	317	---	---	317	---
Subtotal grain	317	---	---	317	---
6241 wheat	317	---	---	317	---
Ton-miles (x1000)	1,516,115	169,285	180,330	1,166,118	382
Domestic					
Tons All Traffic (x1000)	79,143				
Ton-miles All Traffic (x1000)	2,853,229				

*Includes 10 (x1000) tons of foreign upbound through in-transits; Includes 9 (x1000) tons of Canadian downbound through in-transits.

PORT HURON, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of the St. Clair River from mouth of river to Grand Trunk Western Railroad Bridge and both banks of the Black River up to Washington Avenue in Port Huron, Michigan. Controlling Depths: from Lake St. Clair to Stag Island, 27.1 feet. In the Stag Island to Port Huron channel and the foot of Lake Huron channel, 27.3 feet and 30 feet respectively. In the Black River, 17 feet, for a width of 70 feet, from the mouth to 1,700 feet upstream of the Grand Trunk Western Railroad Bridge, and 15 feet for a width of 50 feet through the settling basin to Washington Avenue. Project Depths: In the St. Clair River, slopes from 30 feet at head to 27.5 feet at Grand Trunk Western Railroad Bridge. In the Black River, 20 feet from the mouth to the upper end of the settling basin, about 2,300 feet upstream from the Grand Trunk Western Railroad Bridge.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,652	1995	488	1998	843	2001	273
1993	1,687	1996	581	1999	971		
1994	839	1997	588	2000	611		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
Total, all commodities	273	163	110
Total crude materials, inedible except fuels	273	163	110
Subtotal soil, sand, gravel, rock and stone	164	54	110
4322 limestone	110	—	110
4331 sand & gravel	54	54	—
Subtotal sulphur, clay and salt	110	110	—
4782 clay & refrac. mat.	110	110	—

MARYSVILLE, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of St. Clair River at Marysville, MI. Controlling Depth: 27.4 feet. Project Depth: at low-water datum; 27.4 feet to and from Lake Huron; 27.1 feet downbound to Lake St. Clair.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	640	1995	889	1998	1,282	2001	1,503
1993	736	1996	1,068	1999	1,357		
1994	1,175	1997	1,142	2000	1,227		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic
		Inbound	Outbound	Lakewise Receipts
Total, all commodities	1,503	554	22	927
Total coal	177	—	—	177
1100 coal lignite	177	—	—	177
Total petroleum and petroleum products	100	30	—	70
Subtotal petroleum products	100	30	—	70
2330 distillate fuel oil	3	—	—	3
2340 residual fuel oil	97	30	—	67
Total chemicals and related products	11	11	—	—
Subtotal other chemicals and related products	11	11	—	—
3299 chem. products nec	11	11	—	—
Total crude materials, inedible except fuels	1,211	509	22	681
Subtotal soil, sand, gravel, rock and stone	946	251	14	681
4322 limestone	708	28	—	681
4331 sand & gravel	237	223	14	—
Subtotal sulphur, clay and salt	258	258	—	—
4782 clay & refrac. mat.	258	258	—	—
Subtotal other non-metal. min.	7	—	7	—
4900 non-metal. min. nec	7	—	7	—
Total food and farm products	5	5	—	—
Subtotal other agricultural products	5	5	—	—
6871 coffee	5	5	—	—

ST. CLAIR, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of St. Clair River at St. Clair, MI Controlling Depth: 27.3 feet. Project Depth: 27.3 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	4,666	1995	5,028	1998	5,533	2001	4,818
1993	5,039	1996	5,427	1999	5,326		
1994	5,887	1997	5,699	2000	5,553		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Lakewise Receipts
Total, all commodities	4,818	4,818
Total coal	4,789	4,789
1100 coal lignite	4,789	4,789
Total petroleum and petroleum products	30	30
Subtotal petroleum products	30	30
2330 distillate fuel oil	30	30

MARINE CITY, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of St. Clair River at Marine City, MI, 25.3 miles upbound to Lake Huron; 19.2 miles downbound to Lake St. Clair, MI
 Controlling Depth: 27 feet. Project Depth(at low water datum): 27.3 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	3,174	1995	3,850	1998	4,252	2001	3,896
1993	3,454	1996	4,116	1999	3,652		
1994	3,572	1997	4,001	2000	3,987		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic
		Inbound	Lakewise Receipts
Total, all commodities	3,896	18	3,878
Total coal	2,842	—	2,842
1100 coal lignite	2,842	—	2,842
Total crude materials, inedible except fuels	1,054	18	1,036
Subtotal soil, sand, gravel, rock and stone	1,045	9	1,036
4322 limestone	1,036	—	1,036
4331 sand & gravel	9	9	—
Subtotal sulphur, clay and salt	9	9	—
4782 clay & refrac. mat.	9	9	—

CHANNELS IN LAKE ST. CLAIR

Section Included: Improved ship channels connecting St. Clair River and Detroit River across Lake St. Clair, entrance channels to mouth of Clinton River and the Canadian channel to the mouth of the Thames River. Controlling Depths: 27.0 feet in the main channel with 8 feet in channel to Clinton River. Project Depths: 27.5 feet in main channel and 8 feet in Clinton River channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	58,131	1995	68,555	1998	71,970	2001	68,035
1993	56,982	1996	67,111	1999	67,912		
1994	63,963	1997	68,211	2000	73,490		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Through Upbound
		Through		Through		Total	Lakewise	Internal	
		Upbound*	Downbnd	Upbound	Downbnd*	Upbound	Downbnd	Through	
Total, all commodities	68,035	1,875	3,115	8,737	19,373	34,935	5,025	29,900	10
Total coal	15,575	26	---	4,457	6,671	4,421	3,879	542	---
1100 coal lignite	15,129	---	---	4,457	6,363	4,309	3,879	430	---
1200 coal coke	446	26	---	---	308	112	---	112	---
Total petroleum and petroleum products	1,478	---	---	267	513	698	411	277	10
Subtotal crude petroleum	8	---	---	---	8	---	---	---	---
2100 crude petroleum	8	---	---	---	8	---	---	---	---
Subtotal petroleum products	1,471	---	---	267	506	698	411	277	10
2211 gasoline	241	---	---	146	---	95	95	---	---
2221 kerosene	56	---	---	56	---	---	---	---	---
2330 distillate fuel oil	264	---	---	37	127	100	92	3	4
2340 residual fuel oil	250	---	---	21	92	137	137	---	---
2429 naphtha & solvents	7	---	---	7	---	---	---	---	---
2430 asphalt, tar & pitch	295	---	---	---	---	295	74	221	---
2540 petroleum coke	344	---	---	---	286	58	---	53	5
2990 petro. products nec	13	---	---	---	---	13	13	---	---
Total chemicals and related products	949	43	---	111	795	---	---	---	---
Subtotal fertilizers	198	29	---	---	169	---	---	---	---
3110 nitrogenous fert.	29	29	---	---	---	---	---	---	---
3130 potassic fert.	161	---	---	---	161	---	---	---	---
3190 fert. & mixes nec	8	---	---	---	8	---	---	---	---
Subtotal other chemicals and related products	751	14	---	111	626	---	---	---	---
3212 benzene & toluene	39	---	---	---	39	---	---	---	---
3219 other hydrocarbons	20	10	---	---	10	---	---	---	---
3220 alcohols	3	---	---	---	3	---	---	---	---
3274 sodium hydroxide	52	---	---	52	---	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	36	4	---	32	---	---	---	---	---
3276 metallic salts	528	---	---	17	511	---	---	---	---
3282 pigments & paints	36	---	---	---	36	---	---	---	---
3293 explosives	11	---	---	11	---	---	---	---	---
3299 chem. products nec	27	---	---	---	27	---	---	---	---
Total crude materials, inedible except fuels	40,562	386	138	2,917	8,298	28,824	735	28,089	---
Subtotal forest products, wood and chips	102	16	---	---	86	---	---	---	---
4189 lumber	102	16	---	---	86	---	---	---	---

CHANNELS IN LAKE ST. CLAIR
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	Internal
		Upbound*	Downbnd	Upbound	Downbnd*	Upbound	Downbnd	Through Upbound
Subtotal pulp and waste paper	239	214	25	—	—	—	—	—
4225 pulp & waste paper	239	214	25	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	12,769	0	—	84	3,762	8,923	141	8,782
4310 building stone	730	0	—	25	705	—	—	—
4322 limestone	9,468	—	—	40	770	8,658	138	8,520
4323 gypsum	128	—	—	—	—	128	—	128
4331 sand & gravel	2,442	—	—	19	2,288	136	2	134
Subtotal iron ore and scrap	23,771	6	—	1,626	2,862	19,276	30	19,247
4410 iron ore	23,708	6	—	1,563	2,862	19,276	30	19,247
4420 iron & steel scrap	63	—	—	63	—	—	—	—
Subtotal non-ferrous ores and scrap	113	61	—	52	—	—	—	—
4650 aluminum ore	61	61	—	—	—	—	—	—
4680 non-ferrous scrap	0	0	—	—	—	—	—	—
4690 non-ferrous ores nec	52	—	—	52	—	—	—	—
Subtotal sulphur, clay and salt	565	39	113	10	403	—	—	—
4741 sulphur, (dry)	24	—	—	—	24	—	—	—
4782 clay & refrac. mat.	541	39	113	10	380	—	—	—
Subtotal slag	593	—	—	196	192	205	158	47
4860 slag	593	—	—	196	192	205	158	47
Subtotal other non-metal. min.	2,410	50	—	949	992	419	406	13
4900 non-metal. min. nec	2,410	50	—	949	992	419	406	13
Total primary manufactured goods	4,298	1,397	21	755	1,449	676	—	676
Subtotal lime, cement and glass	2,794	23	—	657	1,439	676	—	676
5220 cement & concrete	2,727	22	—	657	1,372	676	—	676
5240 glass & glass prod.	1	1	—	—	—	—	—	—
5290 misc. mineral prod.	67	—	—	—	67	—	—	—
Subtotal primary iron and steel products	1,315	1,197	20	98	—	—	—	—
5312 pig iron	202	103	—	98	—	—	—	—
5315 ferro alloys	33	33	—	—	—	—	—	—
5320 i&s primary forms	321	301	19	—	—	—	—	—
5330 i&s plates & sheets	645	644	1	—	—	—	—	—
5360 i&s bars & shapes	110	110	—	—	—	—	—	—
5370 i&s pipe & tube	5	5	—	—	—	—	—	—
5390 primary i&s nec	0	0	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	188	178	1	—	10	—	—	—
5422 aluminum	20	10	—	—	10	—	—	—
5429 smelted prod. nec	4	4	—	—	—	—	—	—
5480 fab. metal products	164	163	1	—	—	—	—	—
Total food and farm products	5,097	—	2,957	177	1,646	317	—	317
Subtotal grain	3,379	—	2,274	147	641	317	—	317
6241 wheat	2,306	—	1,714	29	246	317	—	317
6344 corn	882	—	532	118	232	—	—	—
6443 barley & rye	30	—	28	—	3	—	—	—
6445 oats	160	—	—	—	160	—	—	—
Subtotal oilseeds	1,505	—	510	30	965	—	—	—
6522 soybeans	1,395	—	399	30	965	—	—	—
6534 flaxseed	63	—	63	—	—	—	—	—

CHANNELS IN LAKE ST. CLAIR
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Through Upbound
		Through		Through		Total	Lakewise	Through	
		Upbound*	Downbnd	Upbound	Downbnd*				
6590 oilseeds nec	48	—	48	—	—	—	—	—	—
Subtotal vegetable products	34	—	13	—	21	—	—	—	—
6653 vegetable oils	21	—	—	—	21	—	—	—	—
6654 vegetables & prod.	13	—	13	—	—	—	—	—	—
Subtotal processed grain and animal feed	91	—	71	—	19	—	—	—	—
6747 grain mill products	15	—	—	—	15	—	—	—	—
6781 hay & fodder	4	—	—	—	4	—	—	—	—
6782 animal feed, prep.	71	—	71	—	—	—	—	—	—
Subtotal other agricultural products	88	—	88	—	—	—	—	—	—
6838 tallow, animal oils	4	—	4	—	—	—	—	—	—
6899 farm products nec	84	—	84	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	49	21	0	28	1	—	—	—	—
7110 machinery (not elec)	42	13	—	28	1	—	—	—	—
7120 electrical machinery	5	5	—	—	0	—	—	—	—
7210 vehicles & parts	2	2	—	—	—	—	—	—	—
7230 ships & boats	0	0	0	—	—	—	—	—	—
7500 textile products	0	0	—	—	—	—	—	—	—
7900 manufac. prod. nec	0	0	—	—	—	—	—	—	—
Total unknown or not elsewhere classified	26	2	—	24	—	—	—	—	—
9900 unknown or nec	26	2	—	24	—	—	—	—	—
Ton-miles (x1000)	1,224,625	33,742	56,075	157,268	348,707	628,834	90,449	538,208	176

Tons All Traffic (x1000) 68,035
Ton-miles All Traffic (x1000) 1,224,625

*Includes 10 (x1000) tons of foreign upbound through in-transits; Includes 9 (x1000) tons of Canadian downbound through in-transits.

DETROIT RIVER, MI

Section Included: Entire length of Detroit River and Rouge River to head of project. Controlling Depths: 25 to 28.5 feet and 21 to 25 feet, respectively with 5 feet of shoaling along the channel limits of the lower Livingstone and east outer channel and with project depth in the regularly traveled shipping lanes.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	63,134	1995	73,502	1998	82,842	2001	74,278
1993	62,662	1996	75,023	1999	75,242		
1994	72,027	1997	75,939	2000	80,508		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound	Through Upbound*	Downbnd	Inbound	Outbound	Through Upbound	Downbnd*
Total, all commodities	37,230	445	1	1,875	3,115	4,020	260	9,496	18,017
Total coal	11,290	23	---	26	---	492	57	4,513	6,179
1100 coal lignite	10,899	23	---	---	---	492	---	4,513	5,871
1200 coal coke	390	---	---	26	---	---	57	---	308
Total petroleum and petroleum products	808	---	---	---	---	176	---	267	365
Subtotal crude petroleum	8	---	---	---	---	---	---	---	8
2100 crude petroleum	8	---	---	---	---	---	---	---	8
Subtotal petroleum products	800	---	---	---	---	176	---	267	357
2211 gasoline	146	---	---	---	---	---	---	146	---
2221 kerosene	56	---	---	---	---	---	---	56	---
2330 distillate fuel oil	192	---	---	---	---	139	---	37	15
2340 residual fuel oil	113	---	---	---	---	36	---	21	56
2429 naphtha & solvents	7	---	---	---	---	---	---	7	---
2540 petroleum coke	286	---	---	---	---	---	---	---	286
Total chemicals and related products	1,090	---	---	43	---	53	32	125	837
Subtotal fertilizers	198	---	---	29	---	---	---	---	169
3110 nitrogenous fert.	29	---	---	29	---	---	---	---	---
3130 potassic fert.	161	---	---	---	---	---	---	---	161
3190 fert. & mixes nec	8	---	---	---	---	---	---	---	8
Subtotal other chemicals and related products	892	---	---	14	---	53	32	125	668
3212 benzene & toluene	39	---	---	---	---	---	---	---	39
3219 other hydrocarbons	20	---	---	10	---	---	---	---	10
3220 alcohols	3	---	---	---	---	---	---	---	3
3274 sodium hydroxide	52	---	---	---	---	---	---	52	---
3275 inorg. elem., oxides, & halogen salts	68	---	---	4	---	---	32	32	---
3276 metallic salts	577	---	---	---	---	---	---	17	560
3282 pigments & paints	36	---	---	---	---	---	---	---	36
3292 starches, gluten, glue	32	---	---	---	---	32	---	---	---
3293 explosives	11	---	---	---	---	---	---	11	---
3299 chem. products nec	54	---	---	---	---	21	---	13	19
Total crude materials, inedible except fuels	14,762	6	---	386	138	2,374	171	3,479	8,209
Subtotal forest products, wood and chips	102	---	---	16	---	86	---	---	---
4189 lumber	102	---	---	16	---	86	---	---	---
Subtotal pulp and waste paper	239	---	---	214	25	---	---	---	---
4225 pulp & waste paper	239	---	---	214	25	---	---	---	---

DETROIT RIVER, MI
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound	Through		Inbound	Outbound	Through	
				Upbound*	Downbnd			Upbound	Downbnd*
Subtotal soil, sand, gravel, rock and stone	4,850	—	—	0	—	242	—	673	3,934
4310 building stone	730	—	—	0	—	—	—	25	705
4322 limestone	1,154	—	—	—	—	—	—	384	770
4331 sand & gravel	2,966	—	—	—	—	242	—	264	2,460
Subtotal iron ore and scrap	5,485	6	—	6	—	1,013	90	1,536	2,834
4410 iron ore	5,416	—	—	6	—	1,013	90	1,474	2,834
4420 iron & steel scrap	69	6	—	—	—	—	—	63	—
Subtotal non-ferrous ores and scrap	113	—	—	61	—	—	—	52	—
4650 aluminum ore	61	—	—	61	—	—	—	—	—
4680 non-ferrous scrap	0	—	—	0	—	—	—	—	—
4690 non-ferrous ores nec	52	—	—	—	—	—	—	52	—
Subtotal sulphur, clay and salt	628	—	—	39	113	139	—	10	328
4741 sulphur, (dry)	24	—	—	—	—	—	—	—	24
4782 clay & refrac. mat.	605	—	—	39	113	139	—	10	304
Subtotal slag	601	—	—	—	—	352	—	196	53
4860 slag	601	—	—	—	—	352	—	196	53
Subtotal other non-metal. min.	2,744	—	—	50	—	542	81	1,012	1,059
4900 non-metal. min. nec	2,744	—	—	50	—	542	81	1,012	1,059
Total primary manufactured goods	4,257	405	0	1,397	21	926	—	755	752
Subtotal lime, cement and glass	2,296	0	—	23	—	894	—	657	722
5220 cement & concrete	2,210	—	—	22	—	894	—	657	637
5240 glass & glass prod.	1	—	—	1	—	—	—	—	—
5290 misc. mineral prod.	85	0	—	—	—	—	—	—	85
Subtotal primary iron and steel products	1,700	382	0	1,197	20	1	—	98	1
5312 pig iron	202	—	—	103	—	—	—	98	—
5315 ferro alloys	33	—	—	33	—	—	—	—	—
5320 i&s primary forms	324	4	—	301	19	—	—	—	—
5330 i&s plates & sheets	950	305	—	644	1	—	—	—	—
5360 i&s bars & shapes	186	73	0	110	—	1	—	—	1
5370 i&s pipe & tube	5	—	—	5	—	—	—	—	—
5390 primary i&s nec	1	0	—	0	—	—	—	—	—
Subtotal primary non-ferrous metal products	260	23	—	178	1	31	—	—	28
5422 aluminum	49	2	—	10	—	28	—	—	10
5429 smelted prod. nec	7	2	—	4	—	—	—	—	—
5480 fab. metal products	204	19	—	163	1	3	—	—	19
Total food and farm products	4,926	—	—	—	2,957	—	—	304	1,666
Subtotal grain	3,121	—	—	—	2,274	—	—	193	654
6241 wheat	1,990	—	—	—	1,714	—	—	29	246
6344 corn	942	—	—	—	532	—	—	164	245
6443 barley & rye	30	—	—	—	28	—	—	—	3
6445 oats	160	—	—	—	—	—	—	—	160
Subtotal oilseeds	1,591	—	—	—	510	—	—	111	970
6522 soybeans	1,478	—	—	—	399	—	—	111	967
6534 flaxseed	63	—	—	—	63	—	—	—	—
6590 oilseeds nec	50	—	—	—	48	—	—	—	2
Subtotal vegetable products	36	—	—	—	13	—	—	—	23
6653 vegetable oils	23	—	—	—	—	—	—	—	23

DETROIT RIVER, MI
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound	Through		Inbound	Outbound	Through	
				Upbound*	Downbnd			Upbound	Downbnd*
6654 vegetables & prod.	13	—	—	—	13	—	—	—	—
Subtotal processed grain and animal feed	91	—	—	—	71	—	—	—	19
6747 grain mill products	15	—	—	—	—	—	—	—	15
6781 hay & fodder	4	—	—	—	—	—	—	—	4
6782 animal feed, prep.	71	—	—	—	71	—	—	—	—
Subtotal other agricultural products	88	—	—	—	88	—	—	—	—
6838 tallow, animal oils	4	—	—	—	4	—	—	—	—
6899 farm products nec	84	—	—	—	84	—	—	—	—
Total all manufactured equipment, machinery and products	71	11	1	21	0	—	—	28	11
7110 machinery (not elec)	53	10	1	13	—	—	—	28	1
7120 electrical machinery	16	1	—	5	—	—	—	—	10
7210 vehicles & parts	3	0	0	2	—	—	—	—	—
7230 ships & boats	0	—	—	0	0	—	—	—	—
7400 manufac. wood prod.	0	0	—	—	—	—	—	—	—
7500 textile products	0	—	—	0	—	—	—	—	—
7900 manufac. prod. nec	0	0	—	0	—	—	—	—	—
Total unknown or not elsewhere classified	26	0	—	2	—	—	—	24	—
9900 unknown or nec	26	0	—	2	—	—	—	24	—
Ton-miles Foreign & Canadian (x1000)	1,081,433	9,329	23	58,111	96,573	60,560	3,923	294,379	558,534

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	36,806	11,545	482	4,867	19,912
Total coal	5,630	1,224	—	3,879	526
1100 coal lignite	5,518	1,224	—	3,879	414
1200 coal coke	112	—	—	—	112
Total petroleum and petroleum products	1,022	67	446	282	228
Subtotal petroleum products	1,022	67	446	282	228
2211 gasoline	95	—	—	95	—
2330 distillate fuel oil	111	15	30	62	3
2340 residual fuel oil	137	—	37	100	—
2430 asphalt, tar & pitch	606	52	371	13	172
2540 petroleum coke	61	—	8	—	53
2990 petro. products nec	13	—	—	13	—
Total crude materials, inedible except fuels	29,154	9,857	30	705	18,562
Subtotal soil, sand, gravel, rock and stone	9,129	3,029	—	141	5,959
4322 limestone	8,847	3,012	—	138	5,697
4323 gypsum	128	—	—	—	128
4331 sand & gravel	154	18	—	2	134
Subtotal iron ore and scrap	19,276	6,657	30	—	12,590
4410 iron ore	19,276	6,657	30	—	12,590
Subtotal slag	205	47	—	158	—
4860 slag	205	47	—	158	—
Subtotal other non-metal. min.	544	124	—	406	13
4900 non-metal. min. nec	544	124	—	406	13
Total primary manufactured goods	682	397	6	—	279
Subtotal lime, cement and glass	682	397	6	—	279
5220 cement & concrete	682	397	6	—	279

DETROIT RIVER, MI
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total food and farm products	317	—	—	—	317
Subtotal grain	317	—	—	—	317
6241 wheat	317	—	—	—	317
Ton-miles (x1000)	1,012,871	235,971	8,754	150,876	617,269
Lakewise					

Commodity	Total	Internal			
		Outbound Upbound	Through Upbound	Intra	
				Upbound	Downbnd
Total, all commodities	242	5	4	135	97
Total coal	4	—	—	4	—
1100 coal lignite	4	—	—	4	—
Total petroleum and petroleum products	238	5	4	131	97
Subtotal petroleum products	238	5	4	131	97
2330 distillate fuel oil	4	—	4	—	—
2340 residual fuel oil	76	—	—	66	9
2430 asphalt, tar & pitch	152	—	—	65	88
2540 petroleum coke	5	5	—	—	—
Ton-miles (x1000)	2,575	59	137	454	1,924
Internal					

Tons All Traffic (x1000) 74,278
Ton-miles All Traffic (x1000) 2,096,879

*Includes 6 (x1000) tons of foreign inbound in-transits; Includes 10 (x1000) tons of foreign upbound through in-transits;
Includes 9 (x1000) tons of Canadian downbound through in-transits.

DETROIT HARBOR, MI (INCLUDED IN PORT OF DETROIT)

Section Included: U.S. bank of Detroit River from Lake St. Clair to western extreme of Zug Island. Controlling Depth: Channel north of Belle Isle 21 feet, remainder of river 25-28.5 feet. Project Depth: 28.5 feet except channel north of Belle Isle, 21 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	7,194	1995	5,284	1998	5,882	2001	6,053
1993	8,083	1996	8,224	1999	8,257		
1994	7,501	1997	5,689	2000	7,116		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Inbound*	Inbound	Outbound	Total	Lakewise	
						Receipts	Shipments
Total, all commodities	6,053	242	1,459	93	4,260	4,254	6
Total coal	143	—	114	29	—	—	—
1100 coal lignite	114	—	114	—	—	—	—
1200 coal coke	29	—	—	29	—	—	—
Total petroleum and petroleum products	9	—	9	—	—	—	—
Subtotal petroleum products	9	—	9	—	—	—	—
2330 distillate fuel oil	7	—	7	—	—	—	—
2340 residual fuel oil	2	—	2	—	—	—	—
Total chemicals and related products	32	—	32	—	—	—	—
Subtotal other chemicals and related products	32	—	32	—	—	—	—
3292 starches, gluten, glue	32	—	32	—	—	—	—
Total crude materials, inedible except fuels	5,034	6	1,108	64	3,857	3,857	—
Subtotal forest products, wood and chips	86	—	86	—	—	—	—
4189 lumber	86	—	86	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	766	—	166	—	599	599	—
4322 limestone	591	—	—	—	591	591	—
4331 sand & gravel	175	—	166	—	9	9	—
Subtotal iron ore and scrap	3,879	6	598	45	3,230	3,230	—
4410 iron ore	3,873	—	598	45	3,230	3,230	—
4420 iron & steel scrap	6	6	—	—	—	—	—
Subtotal sulphur, clay and salt	49	—	49	—	—	—	—
4782 clay & refrac. mat.	49	—	49	—	—	—	—
Subtotal slag	57	—	57	—	—	—	—
4860 slag	57	—	57	—	—	—	—
Subtotal other non-metal. min.	198	—	152	19	27	27	—
4900 non-metal. min. nec	198	—	152	19	27	27	—
Total primary manufactured goods	827	228	196	—	403	397	6
Subtotal lime, cement and glass	599	0	196	—	403	397	6
5220 cement & concrete	599	—	196	—	403	397	6
5290 misc. mineral prod.	0	0	—	—	—	—	—
Subtotal primary iron and steel products	218	218	—	—	—	—	—
5320 i&s primary forms	2	2	—	—	—	—	—
5330 i&s plates & sheets	174	174	—	—	—	—	—
5360 i&s bars & shapes	42	42	—	—	—	—	—
5390 primary i&s nec	0	0	—	—	—	—	—
Subtotal primary non-ferrous metal products	10	10	—	—	—	—	—
5480 fab. metal products	10	10	—	—	—	—	—
Total all manufactured equipment, machinery and products	8	8	—	—	—	—	—
7110 machinery (not elec)	7	7	—	—	—	—	—
7120 electrical machinery	0	0	—	—	—	—	—
7210 vehicles & parts	0	0	—	—	—	—	—
7400 manufac. wood prod.	0	0	—	—	—	—	—
7900 manufac. prod. nec	0	0	—	—	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—	—

*Includes 2 (x1000) tons of foreign inbound in-transits.

ROUGE RIVER, MI (INCLUDED IN PORT OF DETROIT)

Section Included: From the mouth of the Short Cut Canal to the Ford Motor Company. Controlling Depth: 20 feet for a minimum width of 100 feet from the mouth of the short cut to Dix Avenue Bridge, with the exception of some shoal areas, and 20 feet in the turning basin, except near the shore. Project Depth: 21.0 feet from mouth of Short Cut Canal to and including the turning basin in main channel.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	7,192	1995	11,372	1998	12,626	2001	10,036
1993	7,072	1996	9,307	1999	8,190		
1994	8,569	1997	11,996	2000	9,243		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian		Domestic			
		Inbound	Inbound	Outbound	Lakewise		Internal	
					Total	Receipts	Shipments	Shipments
Total, all commodities	10,036	23	2,102	145	7,767	7,084	446	5
Total coal	1,300	23	145	28	1,104	1,099	---	4
1100 coal lignite	1,272	23	145	---	1,104	1,099	---	4
1200 coal coke	28	---	---	28	---	---	---	---
Total petroleum and petroleum products	883	---	167	---	716	67	416	5
Subtotal petroleum products	883	---	167	---	716	67	416	5
2330 distillate fuel oil	147	---	132	---	15	15	---	---
2340 residual fuel oil	147	---	35	---	113	---	37	76
2430 asphalt, tar & pitch	575	---	---	---	575	52	371	152
2540 petroleum coke	14	---	---	---	14	---	8	5
Total chemicals and related products	53	---	21	32	---	---	---	---
Subtotal other chemicals and related products	53	---	21	32	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	32	---	---	32	---	---	---	---
3299 chem. products nec	21	---	21	---	---	---	---	---
Total crude materials, inedible except fuels	7,074	---	1,042	85	5,947	5,918	30	---
Subtotal soil, sand, gravel, rock and stone	2,493	---	76	---	2,418	2,418	---	---
4322 limestone	2,409	---	---	---	2,409	2,409	---	---
4331 sand & gravel	85	---	76	---	9	9	---	---
Subtotal iron ore and scrap	3,787	---	308	22	3,456	3,427	30	---
4410 iron ore	3,787	---	308	22	3,456	3,427	30	---
Subtotal sulphur, clay and salt	27	---	27	---	---	---	---	---
4782 clay & refrac. mat.	27	---	27	---	---	---	---	---
Subtotal slag	314	---	268	---	47	47	---	---
4860 slag	314	---	268	---	47	47	---	---
Subtotal other non-metal. min.	452	---	363	63	26	26	---	---
4900 non-metal. min. nec	452	---	363	63	26	26	---	---
Total primary manufactured goods	727	---	727	---	---	---	---	---
Subtotal lime, cement and glass	698	---	698	---	---	---	---	---
5220 cement & concrete	698	---	698	---	---	---	---	---

ROUGE RIVER, MI (INCLUDED IN PORT OF DETROIT)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian		Domestic				
		Inbound	Inbound	Outbound	Total	Lakewise		Internal	
						Receipts	Shipments	Shipments	Intraport
Subtotal	1	---	1	---	---	---	---	---	---
primary iron and									
steel products									
5360 i&s bars &	1	---	1	---	---	---	---	---	---
shapes									
Subtotal	28	---	28	---	---	---	---	---	---
primary									
non-ferrous									
metal products									
5422 aluminum	28	---	28	---	---	---	---	---	---

ECORSE, MI (INCLUDED IN PORT OF DETROIT)

Section Included: U.S. shore of Detroit River from Great Lakes Avenue. to Ecorse River. Controlling Depth: 26.5 feet. Project Depth: 28.5 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	350	1995	549	1998	843	2001	703
1993	276	1996	797	1999	303		
1994	712	1997	375	2000	610		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic
		Inbound*	Outbound	Inbound	Outbound	Lakewise Receipts
Total, all commodities	703	142	1	460	22	78
Total coal	233	---	---	233	---	---
1100 coal lignite	233	---	---	233	---	---
Total crude materials, inedible except fuels	324	---	---	224	22	78
Subtotal soil, sand, gravel, rock and stone	7	---	---	---	---	7
4322 limestone	7	---	---	---	---	7
Subtotal iron ore and scrap	129	---	---	107	22	---
4410 iron ore	129	---	---	107	22	---
Subtotal sulphur, clay and salt	63	---	---	63	---	---
4782 clay & refrac. mat.	63	---	---	63	---	---
Subtotal slag	27	---	---	27	---	---
4860 slag	27	---	---	27	---	---
Subtotal other non-metal. min.	98	---	---	27	---	71
4900 non-metal. min. nec	98	---	---	27	---	71
Total primary manufactured goods	142	138	0	3	---	---
Subtotal primary iron and steel products	125	125	0	---	---	---
5320 i&s primary forms	1	1	---	---	---	---
5330 i&s plates & sheets	92	92	---	---	---	---
5360 i&s bars & shapes	31	31	0	---	---	---
5390 primary i&s nec	0	0	---	---	---	---
Subtotal primary non-ferrous metal products	17	14	---	3	---	---
5422 aluminum	2	2	---	---	---	---
5429 smelted prod. nec	2	2	---	---	---	---
5480 fab. metal products	12	9	---	3	---	---
Total all manufactured equipment, machinery and products	4	3	1	---	---	---
7110 machinery (not elec)	4	3	1	---	---	---
7120 electrical machinery	0	0	---	---	---	---
7210 vehicles & parts	0	---	0	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---
Total unknown or not elsewhere classified	0	0	---	---	---	---
9900 unknown or nec	0	0	---	---	---	---

*Includes 4 (x1000) tons of foreign inbound in-transits.

PORT OF DETROIT, MI

Section Included: Detroit Harbor, Rouge River, Ecorse, Wyandotte, Riverview and Trenton. Controlling and Project Depths: See aforementioned project descriptions.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	16,303	1995	18,661	1998	19,454	2001	16,991
1993	17,422	1996	18,604	1999	16,948		
1994	18,718	1997	18,135	2000	17,295		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound	Outbound
Total, all commodities	4,727	445	1	4,020	260
Total coal	572	23	—	492	57
1100 coal lignite	515	23	—	492	—
1200 coal coke	57	—	—	—	57
Total petroleum and petroleum products	176	—	—	176	—
Subtotal petroleum products	176	—	—	176	—
2330 distillate fuel oil	139	—	—	139	—
2340 residual fuel oil	36	—	—	36	—
Total chemicals and related products	85	—	—	53	32
Subtotal other chemicals and related products	85	—	—	53	32
3275 inorg. elem., oxides, & halogen salts	32	—	—	—	32
3292 starches, gluten, glue	32	—	—	32	—
3299 chem. products nec	21	—	—	21	—
Total crude materials, inedible except fuels	2,550	6	—	2,374	171
Subtotal forest products, wood and chips	86	—	—	86	—
4189 lumber	86	—	—	86	—
Subtotal soil, sand, gravel, rock and stone	242	—	—	242	—
4331 sand & gravel	242	—	—	242	—
Subtotal iron ore and scrap	1,109	6	—	1,013	90
4410 iron ore	1,103	—	—	1,013	90
4420 iron & steel scrap	6	6	—	—	—
Subtotal sulphur, clay and salt	139	—	—	139	—
4782 clay & refrac. mat.	139	—	—	139	—
Subtotal slag	352	—	—	352	—
4860 slag	352	—	—	352	—
Subtotal other non-metal. min.	624	—	—	542	81
4900 non-metal. min. nec	624	—	—	542	81
Total primary manufactured goods	1,332	405	0	926	—
Subtotal lime, cement and glass	894	0	—	894	—
5220 cement & concrete	894	—	—	894	—
5290 misc. mineral prod.	0	0	—	—	—
Subtotal primary iron and steel products	383	382	0	1	—
5320 i&s primary forms	4	4	—	—	—
5330 i&s plates & sheets	305	305	—	—	—
5360 i&s bars & shapes	75	73	0	1	—
5390 primary i&s nec	0	0	—	—	—
Subtotal primary non-ferrous metal products	54	23	—	31	—
5422 aluminum	30	2	—	28	—
5429 smelted prod. nec	2	2	—	—	—
5480 fab. metal products	22	19	—	3	—
Total all manufactured equipment, machinery and products	12	11	1	—	—
7110 machinery (not elec)	11	10	1	—	—
7120 electrical machinery	1	1	—	—	—
7210 vehicles & parts	0	0	0	—	—
7400 manufac. wood prod.	0	0	—	—	—
7900 manufac. prod. nec	0	0	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—
9900 unknown or nec	0	0	—	—	—

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Shipments	Intraport
Total, all commodities	12,264	11,545	482	5	232
Total coal	1,228	1,224	—	—	4
1100 coal lignite	1,228	1,224	—	—	4
Total petroleum and petroleum products	746	67	446	5	228
Subtotal petroleum products	746	67	446	5	228
2330 distillate fuel oil	45	15	30	—	—
2340 residual fuel oil	113	—	37	—	76
2430 asphalt, tar & pitch	575	52	371	—	152

PORT OF DETROIT, MI
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Shipments	Intraport
2540 petroleum coke	14	—	8	5	—
Total crude materials, inedible except fuels	9,887	9,857	30	—	—
Subtotal soil, sand, gravel, rock and stone	3,029	3,029	—	—	—
4322 limestone	3,012	3,012	—	—	—
4331 sand & gravel	18	18	—	—	—
Subtotal iron ore and scrap	6,686	6,657	30	—	—
4410 iron ore	6,686	6,657	30	—	—
Subtotal slag	47	47	—	—	—
4860 slag	47	47	—	—	—
Subtotal other non-metal. min.	124	124	—	—	—
4900 non-metal. min. nec	124	124	—	—	—
Total primary manufactured goods	403	397	6	—	—
Subtotal lime, cement and glass	403	397	6	—	—
5220 cement & concrete	403	397	6	—	—

*Includes 6 (x1000) tons of foreign inbound in-transits.

MONROE HARBOR, MI

Section Included: Channel in Lake Erie and 16,000 feet above Raisin River. Controlling depth: 20 feet to turning basin over a center width of 150 feet; 16.5 feet in turning basin except near the shore; 5.5 feet in 9 foot channel. Project Depth: 21 feet to the turning basin; 18 feet in the turning basin; 9 feet to lower docks at Monroe. Navigation season: Approximately 20 April to 14 December.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,778	1995	1,920	1998	1,929	2001	766
1993	1,078	1996	1,794	1999	1,771		
1994	2,035	1997	2,750	2000	915		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic		
		Inbound	Total	Lakewise	
				Receipts	Shipments
Total, all commodities	766	88	678	653	26
Total coal	593	---	593	593	---
1100 coal lignite	593	---	593	593	---
Total petroleum and petroleum products	60	---	60	60	---
Subtotal petroleum products	60	---	60	60	---
2430 asphalt, tar & pitch	46	---	46	46	---
2540 petroleum coke	14	---	14	14	---
Total chemicals and related products	19	19	---	---	---
Subtotal other chemicals and related products	19	19	---	---	---
3299 chem. products nec	19	19	---	---	---
Total crude materials, inedible except fuels	94	69	26	---	26
Subtotal soil, sand, gravel, rock and stone	62	36	26	---	26
4331 sand & gravel	62	36	26	---	26
Subtotal other non-metal. min.	33	33	---	---	---
4900 non-metal. min. nec	33	33	---	---	---
Total all manufactured equipment, machinery and products	0	0	---	---	---
7110 machinery (not elec)	0	0	---	---	---

CALCITE, MI
NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	7,049	1995	8,381	1998	9,389	2001	8,317
1993	6,419	1996	8,669	1999	9,533		
1994	7,456	1997	10,036	2000	8,475		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic		
		Inbound	Outbound	Total	Lakewise	
					Receipts	Shipments
Total, all commodities	8,317	69	982	7,267	32	7,235
Total petroleum and petroleum products	78	69	—	10	10	—
Subtotal petroleum products	78	69	—	10	10	—
2330 distillate fuel oil	78	69	—	10	10	—
Total crude materials, inedible except fuels	8,219	—	962	7,257	22	7,235
Subtotal soil, sand, gravel, rock and stone	8,137	—	893	7,243	9	7,235
4322 limestone	8,137	—	893	7,243	9	7,235
Subtotal iron ore and scrap	22	—	22	—	—	—
4410 iron ore	22	—	22	—	—	—
Subtotal sulphur, clay and salt	47	—	47	—	—	—
4782 clay & refrac. mat.	47	—	47	—	—	—
Subtotal other non-metal. min.	14	—	—	14	14	—
4900 non-metal. min. nec	14	—	—	14	14	—
Total primary manufactured goods	20	—	20	—	—	—
Subtotal lime, cement and glass	20	—	20	—	—	—
5290 misc. mineral prod.	20	—	20	—	—	—

ESCANABA, MI
NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	7,401	1995	8,479	1998	8,530	2001	6,980
1993	7,142	1996	9,253	1999	8,511		
1994	7,775	1997	7,261	2000	8,647		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian	Domestic		
		Inbound	Total	Lakewise	
				Receipts	Shipments
Total, all commodities	6,980	34	6,946	738	6,208
Total coal	348	—	348	348	—
1100 coal lignite	348	—	348	348	—
Total crude materials, inedible except fuels	6,632	34	6,598	391	6,208
Subtotal soil, sand, gravel, rock and stone	399	—	399	391	8
4322 limestone	399	—	399	391	8
Subtotal iron ore and scrap	6,199	—	6,199	—	6,199
4410 iron ore	6,199	—	6,199	—	6,199
Subtotal other non-metal. min.	34	34	—	—	—
4900 non-metal. min. nec	34	34	—	—	—

STONEPORT, MI

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	8,650	1995	8,468	1998	9,114	2001	8,118
1993	8,752	1996	7,990	1999	8,873		
1994	8,416	1997	8,101	2000	7,842		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Canadian		Domestic			Internal Shipments
		Inbound	Outbound	Total	Lakewise		
					Receipts	Shipments	
Total, all commodities	8,118	76	116	7,926	116	7,791	19
Total coal	14	—	—	14	—	14	—
1100 coal lignite	14	—	—	14	—	14	—
Total crude materials, inedible except fuels	8,094	76	106	7,912	116	7,777	19
Subtotal soil, sand, gravel, rock and stone	8,034	16	106	7,912	116	7,777	19
4322 limestone	8,001	—	89	7,912	116	7,777	19
4331 sand & gravel	33	16	17	—	—	—	—
Subtotal other non-metal. min.	60	60	—	—	—	—	—
4900 non-metal. min. nec	60	60	—	—	—	—	—
Total primary manufactured goods	10	—	10	—	—	—	—
Subtotal lime, cement and glass	10	—	10	—	—	—	—
5220 cement & concrete	10	—	10	—	—	—	—

Other Harbors and Waterways 2001

Harbor or Waterway Project	Commodity	Thousand Short Tons
ALGOMA HARBOR, WI	No Commerce Reported	
ALGONAC, MI (INCLUDED IN ST. CLAIR RIVER)	No Commerce Reported	
ASHLAND HARBOR, WI	1100 coal lignite	113
	Total Tons(x1000)	113
AU SABLE HARBOR AND RIVER (OSCODA), MI	No Commerce Reported	
BAYFIELD HARBOR, WI	2211 gasoline 2330 distillate fuel oil 2640 liquid natural gas 4331 sand & gravel 7900 manufac. prod. nec	0 0 0 1 8
	Total Tons(x1000)	10
BIG BAY HARBOR, MI	No Commerce Reported	
BLACK RIVER HARBOR, MI	No Commerce Reported	
CASEVILLE, MI	No Commerce Reported	
CEDAR RIVER HARBOR, MI	No Commerce Reported	
CHIPPEWA HARBOR (ISLE ROYALE), MI	No Commerce Reported	
CORNUCOPIA HARBOR, WI	No Commerce Reported	
DETOUR, MI AND VICINITY (INCLUDED IN ST. MARYS RIVER)	No Commerce Reported	
DETROIT HARBOR, WI	2211 gasoline 2330 distillate fuel oil 2640 liquid natural gas 4170 wood in the rough 6134 fish (not shellfish) 9900 unknown or nec	1 1 0 0 0 5
	Total Tons(x1000)	8
EAGLE HARBOR, MI	No Commerce Reported	
FRANKFORT HARBOR, MI	2430 asphalt, tar & pitch 2540 petroleum coke	63 21
	Total Tons(x1000)	84
GLADSTONE HARBOR, MI	1100 coal lignite 2430 asphalt, tar & pitch 2540 petroleum coke 4900 non-metal. min. nec	29 19 10 60
	Total Tons(x1000)	118
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI	No Commerce Reported	
GRAND MARAIS HARBOR, MN	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
GRAND TRAVERSE BAY HARBOR, MI	No Commerce Reported	
HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON)	1100 coal lignite	113
	4782 clay & refrac. mat.	49
	Total Tons(x1000)	161
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON)	No Commerce Reported	
KENOSHA HARBOR, WI	No Commerce Reported	
KEWAUNEE HARBOR, WI	4335 waterway improv. mat	6
	7120 electrical machinery	1
	Total Tons(x1000)	6
KEWEENAW WATERWAY, MI	2211 gasoline	0
	4189 lumber	0
	4322 limestone	47
	4331 sand & gravel	0
	4420 iron & steel scrap	0
	5290 misc. mineral prod.	0
	7110 machinery (not elec)	0
	Total Tons(x1000)	48
	Total Ton-miles(x1000)	435
KNIFE RIVER HARBOR, MN	No Commerce Reported	
LA POINTE HARBOR, WI	2211 gasoline	0
	2330 distillate fuel oil	0
	2640 liquid natural gas	0
	4331 sand & gravel	0
	7900 manufac. prod. nec	8
	Total Tons(x1000)	10
LAC LA BELLE HARBOR, MI	No Commerce Reported	
LELAND HARBOR, MI	No Commerce Reported	
LIME ISLAND, MI (INCLUDED IN ST. MARYS RIVER)	No Commerce Reported	
MACKINAC HARBOR, MI	7900 manufac. prod. nec	9
	Total Tons(x1000)	9
MACKINAW CITY HARBOR, MI	No Commerce Reported	
MANISTIQUE HARBOR, MI	2211 gasoline	1
	2330 distillate fuel oil	1
	Total Tons(x1000)	2
MENOMINEE HARBOR AND RIVER, MI AND WI	1100 coal lignite	32
	4189 lumber	3
	4225 pulp & waste paper	14
	4322 limestone	12
	4900 non-metal. min. nec	42
	5312 pig iron	93
	Total Tons(x1000)	196

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
NEW BUFFALO HARBOR MI	No Commerce Reported	
OCONTO HARBOR, WI	No Commerce Reported	
ONTONAGON HARBOR, MI	1100 coal lignite 4322 limestone	80 8
	Total Tons(x1000)	87
PENSAUKEE HARBOR, WI	No Commerce Reported	
PENTWATER HARBOR, MI	No Commerce Reported	
PORT SANILAC HARBOR, MI	No Commerce Reported	
PORT WING HARBOR, WI	No Commerce Reported	
PUT-IN-BAY HARBOR, OH	2211 gasoline 2330 distillate fuel oil 4331 sand & gravel 9900 unknown or nec	1 1 10 1
	Total Tons(x1000)	13
RACINE HARBOR, WI	No Commerce Reported	
ROGERS CITY, MI	No Commerce Reported	
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI	No Commerce Reported	
SAULT STE. MARIE, MI (INCLUDED IN ST. MARYS RIVER)	4322 limestone 4331 sand & gravel 4900 non-metal. min. nec	28 14 34
	Total Tons(x1000)	76
SEBEWAING, MI	No Commerce Reported	
SHEBOYGAN HARBOR, WI	No Commerce Reported	
SOUTH HAVEN HARBOR, MI	No Commerce Reported	
ST. JAMES (BEAVER ISLAND), MI	2211 gasoline 2330 distillate fuel oil 9900 unknown or nec	1 1 23
	Total Tons(x1000)	24
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI	4335 waterway improv. mat	1
	Total Tons(x1000)	1
TRAVERSE CITY HARBOR, MI	2211 gasoline 2330 distillate fuel oil	180 9
	Total Tons(x1000)	189

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
TRENTON, MI (INCLUDED IN PORT OF DETROIT)	2330 distillate fuel oil	30
	5330 i&s plates & sheets	39
	Total Tons(x1000)	69
TWO RIVERS HARBOR, WI	No Commerce Reported	
WARROAD HARBOR, MN	No Commerce Reported	
WHITE LAKE HARBOR, MI	No Commerce Reported	
WHITEFISH POINT HARBOR, MI	No Commerce Reported	
WYANDOTTE, MI (INCLUDED IN PORT OF DETROIT)	1100 coal lignite	125
	4322 limestone	5
	Total Tons(x1000)	130
Non-project		
MARBLEHEAD, OH	2211 gasoline	0
	2330 distillate fuel oil	0
	2640 liquid natural gas	0
	4161 wood chips	0
	4189 lumber	0
	4322 limestone	2,912
	4331 sand & gravel	122
	5290 misc. mineral prod.	0
	6887 groceries	0
	6889 food products nec	0
	7110 machinery (not elec)	0
	7120 electrical machinery	0
	7400 manufac. wood prod.	0
	7900 manufac. prod. nec	0
	8900 waste and scrap nec	0
	9900 unknown or nec	0
	Total Tons(x1000)	3,036
PORT DOLOMITE, MI	4322 limestone	3,181
	4331 sand & gravel	39
	4782 clay & refrac. mat.	75
	Total Tons(x1000)	3,295
PORT GYPSUM, MI	4323 gypsum	345
	Total Tons(x1000)	345
PORT INLAND, MI	4322 limestone	5,845
	4331 sand & gravel	376
	4900 non-metal. min. nec	31
	5220 cement & concrete	8
	Total Tons(x1000)	6,260
SILVER BAY, MN	1100 coal lignite	398
	4322 limestone	181
	4410 iron ore	3,725
	Total Tons(x1000)	4,304

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

TWO HARBORS (AGATE BAY), MN

	Inbound						Outbound					
Grand Total	270	202	—	34	34	—	277	207	—	35	35	—

FOREIGN

Total	4	4	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
20	3	3	—	—	—	—	—	—	—	—	—	—

DOMESTIC

Total	266	198	—	34	34	—	277	207	—	35	35	—
28	—	—	—	—	—	—	8	8	—	—	—	—
27	2	1	—	—	1	—	148	121	—	—	27	—
26	1	1	—	—	—	—	79	73	—	—	6	—
25	48	14	—	34	—	—	37	1	—	35	1	—
24	91	91	—	—	—	—	—	—	—	—	—	—
23	37	5	—	—	32	—	2	1	—	—	1	—
22	21	20	—	—	1	—	1	1	—	—	—	—
21	13	13	—	—	—	—	—	—	—	—	—	—
20	14	14	—	—	—	—	1	1	—	—	—	—
19	13	13	—	—	—	—	—	—	—	—	—	—
18	9	9	—	—	—	—	1	1	—	—	—	—
17	15	15	—	—	—	—	—	—	—	—	—	—
15	1	1	—	—	—	—	—	—	—	—	—	—
12	1	1	—	—	—	—	—	—	—	—	—	—
Total trips:											547	

DULUTH-SUPERIOR HARBOR, MN AND WI

	Inbound						Outbound					
Grand Total	1,152	1,022	—	42	81	7	1,155	1,032	—	39	78	6

FOREIGN

Total	536	437	—	27	68	4	559	464	—	25	66	4
27	—	—	—	—	—	—	1	1	—	—	—	—
26	19	19	—	—	—	—	290	290	—	—	—	—
25	18	18	—	—	—	—	107	107	—	—	—	—
24	53	53	—	—	—	—	14	11	—	—	—	3
23	108	105	—	—	3	—	14	14	—	—	—	—
22	71	65	—	—	3	3	12	11	—	—	1	—
21	38	38	—	—	—	—	11	11	—	—	—	—
20	121	121	—	—	—	—	9	9	—	—	—	—
19	9	8	—	—	1	—	7	7	—	—	—	—
18	5	4	—	—	—	1	1	—	—	—	1	—
17	3	1	—	2	—	—	2	—	—	1	1	—
16	1	1	—	—	—	—	1	1	—	—	—	—
15	1	1	—	—	—	—	2	—	—	—	2	—
14	4	3	—	1	—	—	—	—	—	—	—	—
13	2	—	—	1	1	—	2	1	—	1	—	—
12	83	—	—	23	60	—	86	1	—	23	61	1

DOMESTIC

Total	616	585	—	15	13	3	596	568	—	14	12	2
30	—	—	—	—	—	—	4	3	—	—	1	—
28	6	6	—	—	—	—	5	4	—	—	1	—
27	4	4	—	—	—	—	258	256	—	—	2	—
26	5	2	—	3	—	—	127	124	—	3	—	—
25	72	61	—	9	2	—	42	34	—	8	—	—
24	41	34	—	—	7	—	10	10	—	—	—	—
23	135	135	—	—	—	—	24	17	—	—	7	—
22	93	93	—	—	—	—	27	27	—	—	—	—
21	25	24	—	—	1	—	25	25	—	—	—	—
20	32	32	—	—	—	—	14	14	—	—	—	—
19	68	68	—	—	—	—	22	22	—	—	—	—
18	86	86	—	—	—	—	22	22	—	—	—	—
17	32	32	—	—	—	—	1	1	—	—	—	—
16	4	2	—	—	—	2	3	3	—	—	—	—
15	5	5	—	—	—	—	3	3	—	—	—	—
14	—	—	—	—	—	—	1	1	—	—	—	—
13	2	—	—	1	—	1	1	—	—	1	—	—
12	6	1	—	2	3	—	7	2	—	2	1	2
Total trips:											2,307	

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
TACONITE HARBOR, MN												
	Inbound						Outbound					
Grand Total	68	50	---	9	9	---	74	50	---	12	12	---
FOREIGN												
Total	4	4	---	---	---	---	---	---	---	---	---	---
24	2	2	---	---	---	---	---	---	---	---	---	---
23	1	1	---	---	---	---	---	---	---	---	---	---
22	1	1	---	---	---	---	---	---	---	---	---	---
DOMESTIC												
Total	64	46	---	9	9	---	74	50	---	12	12	---
30	---	---	---	---	---	---	3	---	---	---	3	---
29	---	---	---	---	---	---	1	1	---	---	---	---
27	---	---	---	---	---	---	22	13	---	---	9	---
26	3	---	---	3	---	---	34	31	---	3	---	---
25	---	---	---	---	---	---	3	3	---	---	---	---
23	17	17	---	---	---	---	1	1	---	---	---	---
22	6	---	---	6	---	---	10	1	---	9	---	---
21	1	1	---	---	---	---	---	---	---	---	---	---
19	15	15	---	---	---	---	---	---	---	---	---	---
18	10	10	---	---	---	---	---	---	---	---	---	---
17	1	1	---	---	---	---	---	---	---	---	---	---
16	1	1	---	---	---	---	---	---	---	---	---	---
15	1	1	---	---	---	---	---	---	---	---	---	---
10	3	---	---	---	3	---	---	---	---	---	---	---
9	6	---	---	---	6	---	---	---	---	---	---	---
											Total trips:	142
PRESQUE ISLE HARBOR, MI												
	Inbound						Outbound					
Grand Total	337	305	---	15	17	---	334	304	---	14	16	---
FOREIGN												
Total	92	90	---	---	2	---	88	86	---	---	2	---
24	1	1	---	---	---	---	8	8	---	---	---	---
23	13	13	---	---	---	---	20	20	---	---	---	---
22	33	33	---	---	---	---	14	14	---	---	---	---
21	37	37	---	---	---	---	43	41	---	---	2	---
19	6	6	---	---	---	---	3	3	---	---	---	---
17	2	---	---	---	2	---	---	---	---	---	---	---
DOMESTIC												
Total	245	215	---	15	15	---	246	218	---	14	14	---
30	---	---	---	---	---	---	3	---	---	---	3	---
29	---	---	---	---	---	---	1	1	---	---	---	---
27	13	13	---	---	---	---	104	95	---	---	9	---
26	19	4	---	15	---	---	96	80	---	14	2	---
25	---	---	---	---	---	---	3	3	---	---	---	---
24	24	24	---	---	---	---	2	2	---	---	---	---
23	19	19	---	---	---	---	27	27	---	---	---	---
22	4	4	---	---	---	---	---	---	---	---	---	---
21	2	2	---	---	---	---	1	1	---	---	---	---
20	3	3	---	---	---	---	---	---	---	---	---	---
19	13	13	---	---	---	---	---	---	---	---	---	---
18	108	108	---	---	---	---	9	9	---	---	---	---
17	15	15	---	---	---	---	---	---	---	---	---	---
16	7	7	---	---	---	---	---	---	---	---	---	---
15	3	3	---	---	---	---	---	---	---	---	---	---
12	15	---	---	---	15	---	---	---	---	---	---	---
											Total trips:	671

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

MARQUETTE HARBOR, MI

	Inbound						Outbound					
Grand Total	39	39	—	—	—	—	40	40	—	—	—	—

DOMESTIC

Total	39	39	—	—	—	—	40	40	—	—	—	—
24	9	9	—	—	—	—	—	—	—	—	—	—
23	21	21	—	—	—	—	—	—	—	—	—	—
22	8	8	—	—	—	—	—	—	—	—	—	—
21	1	1	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	2	2	—	—	—	—
19	—	—	—	—	—	—	10	10	—	—	—	—
18	—	—	—	—	—	—	14	14	—	—	—	—
17	—	—	—	—	—	—	13	13	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
Total trips:											79	

DRUMMOND ISLAND, MI

	Inbound						Outbound					
Grand Total	17,731	17,706	—	11	14	—	17,730	17,706	—	11	13	—

FOREIGN

Total	7	6	—	—	1	—	6	6	—	—	—	—
23	—	—	—	—	—	—	2	2	—	—	—	—
22	—	—	—	—	—	—	3	3	—	—	—	—
21	1	1	—	—	—	—	1	1	—	—	—	—
19	3	2	—	—	1	—	—	—	—	—	—	—
18	1	1	—	—	—	—	—	—	—	—	—	—
17	2	2	—	—	—	—	—	—	—	—	—	—

DOMESTIC

Total	17,724	17,700	—	11	13	—	17,724	17,700	—	11	13	—
27	—	—	—	—	—	—	3	—	—	—	3	—
25	—	—	—	—	—	—	5	5	—	—	—	—
24	—	—	—	—	—	—	5	3	—	—	2	—
23	1	1	—	—	—	—	34	29	—	—	5	—
22	10	1	—	9	—	—	23	11	—	9	3	—
20	1	1	—	—	—	—	3	3	—	—	—	—
19	4	4	—	—	—	—	2	2	—	—	—	—
18	12	11	—	—	1	—	1	1	—	—	—	—
17	21	12	—	—	9	—	—	—	—	—	—	—
16	8	8	—	—	—	—	—	—	—	—	—	—
15	16	16	—	—	—	—	—	—	—	—	—	—
13	2	—	—	2	—	—	2	—	—	2	—	—
12	17,649	17,646	—	—	3	—	17,646	17,646	—	—	—	—
Total trips:											35,461	

ST. MARYS RIVER, MI

	Upbound						Downbound					
Grand Total	60,154	59,695	—	206	206	47	59,800	59,488	—	133	138	41

FOREIGN

Total	1,053	866	—	72	71	44	926	753	—	64	70	39
29	1	1	—	—	—	—	—	—	—	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	1	1	—	—	—	—
26	32	31	—	1	—	—	316	316	—	—	—	—
25	37	37	—	—	—	—	188	179	—	—	6	3
24	76	76	—	—	—	—	45	37	—	—	5	3
23	205	205	—	—	—	—	106	70	—	—	9	27
22	193	189	—	—	—	4	50	45	—	—	2	3
21	108	108	—	—	—	—	69	60	—	—	8	1
20	147	137	—	1	9	—	21	16	—	2	3	—
19	60	30	—	15	15	—	35	14	—	18	3	—
18	48	26	—	15	6	1	9	6	—	3	—	—
17	22	7	—	8	7	—	13	1	—	11	1	—
16	12	2	—	3	7	—	16	3	—	1	12	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ST. MARYS RIVER, MI - continued												
Upbound						Downbound						
FOREIGN												
15	52	2	—	—	11	39	4	—	—	—	4	—
14	16	6	—	9	1	—	7	1	—	6	—	—
13	11	3	—	8	—	—	10	2	—	7	1	—
12	32	5	—	12	15	—	36	2	—	16	16	2
DOMESTIC												
Total	59,101	58,829	—	134	135	3	58,874	58,735	—	69	68	2
30	—	—	—	—	—	—	18	11	—	—	7	—
29	1	1	—	—	—	—	20	20	—	—	—	—
28	8	8	—	—	—	—	10	9	—	—	1	—
27	11	8	—	—	3	—	549	501	—	—	48	—
26	23	3	—	20	—	—	393	366	—	19	8	—
25	100	63	—	35	2	—	81	45	—	35	1	—
24	180	171	—	—	9	—	9	9	—	—	—	—
23	221	191	—	—	30	—	12	11	—	—	1	—
22	158	125	—	29	4	—	20	9	—	11	—	—
21	39	38	—	—	1	—	4	4	—	—	—	—
20	37	37	—	—	—	—	5	5	—	—	—	—
19	92	92	—	—	—	—	6	6	—	—	—	—
18	255	254	—	—	1	—	5	5	—	—	—	—
17	69	60	—	—	9	—	—	—	—	—	—	—
16	20	18	—	—	—	2	1	1	—	—	—	—
15	29	29	—	—	—	—	1	1	—	—	—	—
14	—	—	—	—	—	—	1	1	—	—	—	—
13	6	—	—	5	—	1	1	—	—	1	—	—
12	57,852	57,731	—	45	76	—	57,738	57,731	—	3	2	2
Total trips:											119,954	

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER)

	Upbound						Downbound					
Grand Total	2,303	2,012	—	127	117	47	2,236	1,965	—	116	114	41
FOREIGN												
Total	821	669	—	58	50	44	755	620	—	48	48	39
29	1	1	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	1	1	—	—	—	—
26	27	26	—	1	—	—	296	296	—	—	—	—
25	20	20	—	—	—	—	140	136	—	—	1	3
24	65	65	—	—	—	—	30	22	—	—	5	3
23	140	140	—	—	—	—	90	54	—	—	9	27
22	146	142	—	—	—	4	38	33	—	—	2	3
21	92	92	—	—	—	—	61	53	—	—	7	1
20	142	133	—	—	9	—	11	7	—	1	3	—
19	38	19	—	15	4	—	28	10	—	18	—	—
18	25	13	—	8	3	1	3	3	—	—	—	—
17	14	2	—	6	6	—	5	—	—	4	1	—
16	10	2	—	3	5	—	14	1	—	1	12	—
15	52	2	—	—	11	39	3	—	—	—	3	—
14	15	6	—	8	1	—	6	1	—	5	—	—
13	11	3	—	8	—	—	10	2	—	7	1	—
12	23	3	—	9	11	—	19	1	—	12	4	2
DOMESTIC												
Total	1,482	1,343	—	69	67	3	1,481	1,345	—	68	66	2
30	—	—	—	—	—	—	18	11	—	—	7	—
29	1	1	—	—	—	—	20	20	—	—	—	—
28	8	8	—	—	—	—	10	9	—	—	1	—
27	8	8	—	—	—	—	549	501	—	—	48	—
26	23	3	—	20	—	—	393	366	—	19	8	—
25	95	58	—	35	2	—	81	45	—	35	1	—
24	175	168	—	—	7	—	9	9	—	—	—	—
23	196	171	—	—	25	—	12	11	—	—	1	—
22	127	115	—	11	1	—	20	9	—	11	—	—
21	39	38	—	—	1	—	4	4	—	—	—	—
20	34	34	—	—	—	—	5	5	—	—	—	—
19	86	86	—	—	—	—	6	6	—	—	—	—
18	242	242	—	—	—	—	5	5	—	—	—	—
17	47	47	—	—	—	—	—	—	—	—	—	—
16	12	10	—	—	—	2	1	1	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER) - continued
Upbound Downbound

DOMESTIC

15	13	13	—	—	—	—	1	1	—	—	—	—
14	—	—	—	—	—	—	1	1	—	—	—	—
13	2	—	—	1	—	1	—	—	1	—	—	—
12	374	341	—	2	31	—	345	341	—	2	—	2
Total trips:											4,539	

GRAYS REEF PASSAGE, MI

Upbound							Downbound					
Grand Total	1,745	1,225	2	244	165	109	1,615	1,124	6	244	134	107

FOREIGN

Total	20	2	—	8	10	—	21	2	—	8	11	—
21	2	2	—	—	—	—	—	—	—	—	—	—
19	8	—	—	—	8	—	—	—	—	—	—	—
18	7	—	—	5	2	—	—	—	—	—	—	—
17	2	—	—	2	—	—	4	—	—	4	—	—
16	—	—	—	—	—	—	2	2	—	—	—	—
12	1	—	—	1	—	—	15	—	—	4	11	—

DOMESTIC

Total	1,725	1,223	2	236	155	109	1,594	1,122	6	236	123	107
25	65	36	—	27	2	—	121	92	—	26	3	—
24	113	113	—	—	—	—	60	39	—	—	21	—
23	156	126	—	—	30	—	137	101	—	—	36	—
22	154	136	—	15	3	—	104	74	—	14	16	—
21	74	61	—	—	13	—	43	42	—	—	1	—
20	62	52	—	—	10	—	38	29	—	3	5	1
19	151	102	—	46	—	3	353	286	5	57	2	3
18	133	100	—	20	9	4	71	42	—	20	5	4
17	110	76	—	12	12	10	50	22	—	12	4	12
16	172	34	—	57	5	76	137	48	—	47	1	41
15	86	26	—	4	49	7	11	5	—	4	1	1
14	28	10	—	17	1	—	21	1	—	20	—	—
13	15	6	—	6	1	2	18	—	—	5	13	—
12	406	345	2	32	20	7	430	341	1	28	15	45
Total trips:											3,360	

CHARLEVOIX HARBOR, MI

Inbound							Outbound					
Grand Total	629	467	—	78	84	—	637	469	—	85	83	—

FOREIGN

Total	21	2	—	8	11	—	20	2	—	8	10	—
21	—	—	—	—	—	—	2	2	—	—	—	—
19	—	—	—	—	—	—	8	—	—	—	8	—
18	—	—	—	—	—	—	7	—	—	5	2	—
17	4	—	—	4	—	—	2	—	—	2	—	—
16	2	2	—	—	—	—	—	—	—	—	—	—
11	10	—	—	3	7	—	1	—	—	1	—	—
10	4	—	—	—	4	—	—	—	—	—	—	—
4	1	—	—	1	—	—	—	—	—	—	—	—

DOMESTIC

Total	608	465	—	70	73	—	617	467	—	77	73	—
23	12	12	—	—	—	—	—	—	—	—	—	—
22	1	1	—	—	—	—	23	21	—	—	2	—
21	6	6	—	—	—	—	33	4	—	—	29	—
20	1	1	—	—	—	—	48	32	—	—	16	—
19	—	—	—	—	—	—	5	3	—	—	2	—
18	1	1	—	—	—	—	2	—	—	—	2	—
17	2	2	—	—	—	—	19	17	—	—	2	—
16	56	56	—	—	—	—	8	—	—	—	8	—
15	—	—	—	—	—	—	4	—	—	—	4	—
14	—	—	—	—	—	—	2	—	—	—	2	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CHARLEVOIX HARBOR, MI - continued

DOMESTIC												
Inbound							Outbound					
13	60	—	—	—	60	—	5	—	—	—	5	—
12	—	—	—	—	—	—	1	—	—	—	1	—
11	3	—	—	3	—	—	3	—	—	3	—	—
9	72	—	—	59	13	—	67	—	—	67	—	—
8	392	384	—	8	—	—	397	390	—	7	—	—
7	2	2	—	—	—	—	—	—	—	—	—	—
											Total trips:	1,266

MANISTEE HARBOR, MI

Inbound							Outbound					
Grand Total	124	45	28	—	26	25	125	45	30	—	24	26
FOREIGN												
Total	84	5	28	—	26	25	86	6	30	—	24	26
24	1	1	—	—	—	—	1	1	—	—	—	—
21	1	—	1	—	—	—	10	—	10	—	—	—
20	1	1	—	—	—	—	21	—	7	—	—	—
19	17	1	11	—	3	2	42	4	9	—	15	14
18	15	2	13	—	—	—	2	—	2	—	—	—
17	3	—	3	—	—	—	4	1	2	—	—	1
15	4	—	—	—	4	—	3	—	—	—	2	1
14	2	—	—	—	2	—	—	—	—	—	—	—
13	12	—	—	—	1	11	3	—	—	—	—	3
12	28	—	—	—	16	12	—	—	—	—	—	—
DOMESTIC												
Total	40	40	—	—	—	—	39	39	—	—	—	—
28	1	1	—	—	—	—	—	—	—	—	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
23	12	12	—	—	—	—	—	—	—	—	—	—
22	3	3	—	—	—	—	2	2	—	—	—	—
21	7	7	—	—	—	—	—	—	—	—	—	—
20	3	3	—	—	—	—	—	—	—	—	—	—
19	2	2	—	—	—	—	—	—	—	—	—	—
18	9	9	—	—	—	—	—	—	—	—	—	—
17	2	2	—	—	—	—	19	19	—	—	—	—
16	—	—	—	—	—	—	6	6	—	—	—	—
15	—	—	—	—	—	—	11	11	—	—	—	—
14	—	—	—	—	—	—	1	1	—	—	—	—
											Total trips:	
											249	

LUDINGTON HARBOR, MI

Inbound							Outbound					
Grand Total	345	258	1	41	1	44	334	243	1	42	1	47
FOREIGN												
Total	22	16	—	—	—	6	26	18	1	—	—	7
25	4	4	—	—	—	—	1	1	—	—	—	—
24	2	2	—	—	—	—	2	2	—	—	—	—
23	3	3	—	—	—	—	1	1	—	—	—	—
22	4	4	—	—	—	—	5	5	—	—	—	—
21	1	1	—	—	—	—	3	2	1	—	—	—
20	1	1	—	—	—	—	2	2	—	—	—	—
19	2	1	—	—	—	1	3	3	—	—	—	—
17	—	—	—	—	—	—	6	1	—	—	—	5
16	—	—	—	—	—	—	2	—	—	—	—	2
12	5	—	—	—	—	5	1	1	—	—	—	—
DOMESTIC												
Total	323	242	1	41	1	38	308	225	—	42	1	40
26	1	1	—	—	—	—	—	—	—	—	—	—
25	5	5	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	6	6	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

LUDINGTON HARBOR, MI - continued

Inbound

Outbound

DOMESTIC

19	1	1	—	—	—	—	—	—	—	—	—	—
18	234	234	—	—	—	—	217	217	—	—	—	—
17	—	—	—	—	—	—	2	2	—	—	—	—
16	—	—	—	—	—	—	13	—	—	—	—	13
15	—	—	—	—	—	—	2	—	—	—	—	2
14	—	—	—	—	—	—	1	—	—	—	—	1
13	1	—	—	—	1	—	2	—	—	—	1	1
12	80	—	1	41	—	38	65	—	—	42	—	23
											Total trips:	679

MUSKEGON HARBOR, MI

Inbound

Outbound

Grand Total	255	203	3	22	26	1	251	197	1	24	27	2
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FOREIGN

Total	37	34	3	—	—	—	32	30	1	1	—	—
25	9	9	—	—	—	—	1	1	—	—	—	—
24	7	7	—	—	—	—	—	—	—	—	—	—
23	13	13	—	—	—	—	4	4	—	—	—	—
22	2	2	—	—	—	—	5	5	—	—	—	—
21	1	1	—	—	—	—	2	2	—	—	—	—
20	—	—	—	—	—	—	7	7	—	—	—	—
19	1	—	1	—	—	—	9	8	1	—	—	—
18	3	1	2	—	—	—	2	2	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	1	1	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	1	—	—	1	—	—

DOMESTIC

Total	218	169	—	22	26	1	219	167	—	23	27	2
27	14	14	—	—	—	—	1	1	—	—	—	—
26	6	5	—	1	—	—	1	—	—	1	—	—
25	3	—	—	—	3	—	—	—	—	—	—	—
24	5	1	—	—	4	—	—	—	—	—	—	—
23	11	11	—	—	—	—	5	5	—	—	—	—
22	24	21	—	1	2	—	15	14	—	1	—	—
21	20	18	—	—	2	—	6	6	—	—	—	—
20	13	12	—	—	1	—	8	3	—	—	5	—
19	24	8	—	16	—	—	19	4	—	14	1	—
18	4	—	—	1	3	—	6	4	—	2	—	—
17	—	—	—	—	—	—	37	32	—	—	5	—
16	9	—	—	1	8	—	12	10	—	1	1	—
15	2	—	—	—	2	—	22	8	—	1	13	—
14	1	—	—	—	1	—	—	—	—	—	—	—
12	82	79	—	2	—	1	87	80	—	3	2	2
											Total trips:	506

GRAND HAVEN HARBOR AND GRAND RIVER, MI

Upbound

Downbound

Grand Total	173	113	—	28	31	1	172	113	—	27	31	1
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FOREIGN

Total	35	33	—	—	2	—	33	33	—	—	—	—
23	7	7	—	—	—	—	4	4	—	—	—	—
22	4	4	—	—	—	—	7	7	—	—	—	—
21	2	2	—	—	—	—	1	1	—	—	—	—
20	14	14	—	—	—	—	4	4	—	—	—	—
19	7	5	—	—	2	—	12	12	—	—	—	—
18	1	1	—	—	—	—	2	2	—	—	—	—
17	—	—	—	—	—	—	3	3	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

GRAND HAVEN HARBOR AND GRAND RIVER, MI - continued
Upbound

Downbound

DOMESTIC

Total	138	80	---	28	29	1	139	80	---	27	31	1
25	5	---	---	4	1	---	5	---	---	5	---	---
23	2	2	---	---	---	---	---	---	---	---	---	---
22	12	7	---	5	---	---	9	4	---	5	---	---
21	15	14	---	---	1	---	11	9	---	---	2	---
20	14	10	---	---	4	---	10	4	---	---	6	---
19	7	5	---	---	2	---	8	8	---	---	---	---
18	4	---	---	---	4	---	29	28	---	---	1	---
17	43	34	---	1	8	---	22	21	---	1	---	---
16	7	6	---	---	1	---	3	3	---	---	---	---
15	1	1	---	---	---	---	2	2	---	---	---	---
14	5	---	---	4	1	---	3	---	---	3	---	---
13	2	---	---	---	2	---	10	---	---	---	10	---
12	21	1	---	14	5	1	27	1	---	13	12	1
											Total trips:	345

HOLLAND HARBOR, MI

Inbound

Outbound

Grand Total	48	33	---	5	10	---	49	33	---	5	11	---
DOMESTIC												
Total	48	33	---	5	10	---	49	33	---	5	11	---
26	3	2	---	1	---	---	2	1	---	1	---	---
23	5	5	---	---	---	---	---	---	---	---	---	---
22	7	6	---	1	---	---	4	3	---	1	---	---
20	20	15	---	---	5	---	---	---	---	---	---	---
19	1	---	---	---	1	---	---	---	---	---	---	---
18	1	1	---	---	---	---	1	1	---	---	---	---
17	2	2	---	---	---	---	32	25	---	---	7	---
16	---	---	---	---	---	---	1	1	---	---	---	---
15	2	2	---	---	---	---	2	2	---	---	---	---
14	3	---	---	3	---	---	3	---	---	3	---	---
10	1	---	---	---	1	---	2	---	---	---	2	---
9	---	---	---	---	---	---	2	---	---	---	2	---
4	1	---	---	---	1	---	---	---	---	---	---	---
3	2	---	---	---	2	---	---	---	---	---	---	---
Total trips:											97	

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CHEBOYGAN HARBOR, MI

	Inbound						Outbound					
Grand Total	443	334	3	51	—	55	442	337	3	49	—	53

FOREIGN

Total	1	1	—	—	—	—	5	1	2	1	—	1
22	1	1	—	—	—	—	1	1	—	—	—	—
15	—	—	—	—	—	—	2	—	2	—	—	—
14	—	—	—	—	—	—	1	—	—	—	—	1
3	—	—	—	—	—	—	1	—	—	1	—	—

DOMESTIC

Total	442	333	3	51	—	55	437	336	1	48	—	52
22	3	—	3	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	1	—	—	—	—	1
18	2	—	—	—	—	2	1	—	—	—	—	1
17	9	—	—	—	—	9	8	—	—	—	—	8
16	93	—	—	50	—	43	89	—	—	47	—	42
13	1	—	—	—	—	1	—	—	—	—	—	—
12	—	—	—	—	—	—	1	—	1	—	—	—
9	1	—	—	1	—	—	1	—	—	1	—	—
6	333	333	—	—	—	—	336	336	—	—	—	—
Total trips:											885	

MILWAUKEE HARBOR, WI

	Inbound						Outbound					
Grand Total	1,252	873	—	233	112	34	1,239	876	—	228	101	34

FOREIGN

Total	119	105	—	6	8	—	125	108	—	7	9	1
26	6	6	—	—	—	—	12	12	—	—	—	—
25	48	48	—	—	—	—	8	8	—	—	—	—
24	8	8	—	—	—	—	9	9	—	—	—	—
23	3	2	—	—	1	—	14	13	—	—	1	—
22	30	24	—	—	6	—	39	39	—	—	—	—
21	8	7	—	—	1	—	5	5	—	—	—	—
20	5	5	—	—	—	—	12	8	—	—	4	—
19	1	1	—	—	—	—	9	7	—	—	2	—
18	1	1	—	—	—	—	3	2	—	—	1	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	2	2	—	—	—	—	2	2	—	—	—	—
15	1	1	—	—	—	—	1	—	—	—	1	—
14	6	—	—	6	—	—	7	1	—	6	—	—
13	—	—	—	—	—	—	1	—	—	1	—	—
12	—	—	—	—	—	—	2	1	—	—	—	1

DOMESTIC

Total	1,133	768	—	227	104	34	1,114	768	—	221	92	33
28	1	1	—	—	—	—	—	—	—	—	—	—
24	36	23	—	—	13	—	—	—	—	—	—	—
23	60	37	—	—	23	—	5	1	—	—	4	—
22	9	8	—	—	1	—	—	—	—	—	—	—
21	10	6	—	—	4	—	9	6	—	—	3	—
20	21	18	—	2	1	—	10	9	—	—	1	—
19	42	1	—	36	1	4	42	8	—	34	—	—
18	21	1	—	19	—	1	72	45	—	20	7	—
17	7	—	—	2	1	4	13	10	—	2	1	—
16	19	2	—	—	5	12	24	16	—	2	6	—
15	6	—	—	—	1	5	15	—	—	—	15	—
14	15	—	—	8	1	6	7	—	—	6	1	—
13	1	—	—	—	1	—	8	2	—	—	6	—
12	885	671	—	160	52	2	909	671	—	157	48	33
Total trips:											2,491	

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT WASHINGTON HARBOR, WI												
	Inbound						Outbound					
Grand Total	38	38	---	---	---	---	38	38	---	---	---	---
DOMESTIC												
Total	38	38	---	---	---	---	38	38	---	---	---	---
26	23	23	---	---	---	---	---	---	---	---	---	---
24	3	3	---	---	---	---	---	---	---	---	---	---
23	12	12	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	2	2	---	---	---	---
21	---	---	---	---	---	---	19	19	---	---	---	---
18	---	---	---	---	---	---	9	9	---	---	---	---
17	---	---	---	---	---	---	5	5	---	---	---	---
15	---	---	---	---	---	---	3	3	---	---	---	---
											Total trips:	76
MANITOWOC HARBOR, WI												
	Inbound						Outbound					
Grand Total	399	231	---	97	71	---	413	247	---	98	68	---
DOMESTIC												
Total	399	231	---	97	71	---	413	247	---	98	68	---
26	3	3	---	---	---	---	---	---	---	---	---	---
22	2	2	---	---	---	---	---	---	---	---	---	---
21	3	2	---	---	1	---	2	2	---	---	---	---
20	18	3	---	---	15	---	---	---	---	---	---	---
19	2	2	---	---	---	---	---	---	---	---	---	---
18	219	219	---	---	---	---	238	238	---	---	---	---
17	18	---	---	18	---	---	20	1	---	19	---	---
16	---	---	---	---	---	---	6	6	---	---	---	---
15	4	---	---	---	4	---	---	---	---	---	---	---
14	11	---	---	11	---	---	11	---	---	11	---	---
13	6	---	---	---	6	---	21	---	---	---	21	---
12	113	---	---	68	45	---	115	---	---	68	47	---
											Total trips:	812
GREEN BAY HARBOR, WI												
	Upbound						Downbound					
Grand Total	234	148	6	35	34	11	236	149	11	32	34	10
FOREIGN												
Total	78	50	2	8	18	---	86	51	9	8	18	---
25	3	3	---	---	---	---	---	---	---	---	---	---
24	6	5	---	---	1	---	---	---	---	---	---	---
23	38	28	---	---	10	---	7	7	---	---	---	---
22	10	6	---	---	4	---	27	20	---	---	7	---
21	3	1	---	---	2	---	9	3	1	---	5	---
20	1	1	---	---	---	---	9	5	1	---	3	---
19	4	2	2	---	---	---	11	11	---	---	---	---
18	3	3	---	---	---	---	1	1	---	---	---	---
17	2	1	---	---	1	---	3	---	---	---	3	---
16	---	---	---	---	---	---	3	2	1	---	---	---
15	---	---	---	---	---	---	5	1	4	---	---	---
14	8	---	---	8	---	---	9	1	---	8	---	---
13	---	---	---	---	---	---	1	---	1	---	---	---
12	---	---	---	---	---	---	1	---	1	---	---	---
DOMESTIC												
Total	156	98	4	27	16	11	150	98	2	24	16	10
26	6	2	---	4	---	---	4	---	---	4	---	---
25	2	2	---	---	---	---	---	---	---	---	---	---
24	2	2	---	---	---	---	---	---	---	---	---	---
23	18	17	---	---	1	---	1	1	---	---	---	---
22	42	26	---	3	13	---	9	7	---	2	---	---
21	9	8	---	---	1	---	14	14	---	---	---	---
20	10	9	---	---	1	---	2	2	---	---	---	---
19	27	14	4	9	---	---	18	11	---	7	---	---

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

GREEN BAY HARBOR, WI - continued

Upbound

Downbound

DOMESTIC

18	23	15	—	6	—	2	13	7	—	5	1	—
17	5	3	—	—	—	2	29	26	—	—	3	—
16	4	—	—	—	—	4	22	18	—	1	3	—
15	1	—	—	—	—	1	10	5	—	—	5	—
14	2	—	—	1	—	1	5	4	—	1	—	—
13	—	—	—	—	—	—	3	3	—	—	—	—
12	5	—	—	4	—	1	20	—	2	4	4	10
											Total trips:	470

ALPENA HARBOR, MI

Inbound

Outbound

Grand Total	334	195	—	69	70	—	347	199	—	75	73	—
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FOREIGN

Total	22	20	—	1	1	—	15	13	—	1	1	—
23	—	—	—	—	—	—	4	4	—	—	—	—
22	6	6	—	—	—	—	6	6	—	—	—	—
21	2	2	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	2	2	—	—	—	—
19	9	9	—	—	—	—	—	—	—	—	—	—
18	2	2	—	—	—	—	—	—	—	—	—	—
17	1	1	—	—	—	—	1	1	—	—	—	—
14	1	—	—	1	—	—	1	—	—	1	—	—
12	1	—	—	—	1	—	1	—	—	—	1	—

DOMESTIC

Total	312	175	—	68	69	—	332	186	—	74	72	—
28	4	4	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	1	1	—	—	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	65	48	—	—	17	—
23	17	17	—	—	—	—	75	41	—	—	34	—
22	20	13	—	—	7	—	37	32	—	—	5	—
21	30	29	—	—	1	—	5	5	—	—	—	—
20	23	22	—	—	1	—	15	10	—	2	3	—
19	79	29	—	50	—	—	69	5	—	62	2	—
18	15	13	—	2	—	—	12	3	—	—	9	—
17	10	3	—	7	—	—	27	17	—	9	1	—
16	46	34	—	8	4	—	4	4	—	—	—	—
15	57	2	—	—	55	—	21	20	—	—	1	—
14	2	—	—	1	1	—	1	—	—	1	—	—
12	6	6	—	—	—	—	—	—	—	—	—	—
											Total trips:	681

SAGINAW RIVER, MI

Upbound

Downbound

Grand Total	2,057	300	18	886	830	23	2,115	355	18	886	830	26
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FOREIGN

Total	111	95	13	—	2	1	108	96	8	—	3	1
25	—	—	—	—	—	—	1	1	—	—	—	—
23	5	5	—	—	—	—	21	21	—	—	—	—
22	5	5	—	—	—	—	8	8	—	—	—	—
21	19	19	—	—	—	—	35	34	1	—	—	—
20	3	3	—	—	—	—	29	29	—	—	—	—
19	25	25	—	—	—	—	8	1	6	—	—	1
18	32	32	—	—	—	—	1	—	1	—	—	—
17	5	5	—	—	—	—	2	1	—	—	1	—
16	—	—	—	—	—	—	1	—	—	—	1	—
15	13	—	13	—	—	—	1	—	—	—	1	—
14	1	1	—	—	—	—	1	1	—	—	—	—
13	1	—	—	—	—	1	—	—	—	—	—	—
12	2	—	—	—	2	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SAGINAW RIVER, MI - continued												
Upbound						Downbound						
DOMESTIC												
Total	1,946	205	5	886	828	22	2,007	259	10	886	827	25
28	—	—	—	—	—	—	3	2	—	—	1	—
26	17	—	—	17	—	—	26	9	—	17	—	—
25	—	—	—	—	—	—	3	3	—	—	—	—
23	—	—	—	—	—	—	4	3	—	—	1	—
22	18	15	1	2	—	—	56	39	8	1	8	—
21	1	1	—	—	—	—	47	40	—	—	7	—
20	2	2	—	—	—	—	84	59	—	—	25	—
19	17	11	—	5	—	1	38	27	1	5	3	2
18	35	10	—	5	20	—	35	23	—	8	1	3
17	125	99	—	20	6	—	68	47	—	19	1	1
16	35	34	—	—	1	—	14	4	—	—	—	10
15	19	15	—	—	4	—	4	3	—	—	—	1
14	20	16	—	4	—	—	1	—	—	1	—	—
13	1	—	—	1	—	—	2	—	—	1	—	1
12	1,656	2	4	832	797	21	1,622	—	1	834	780	7
Total trips:											4,172	

ST. CLAIR RIVER, MI

	Upbound						Downbound					
Grand Total	4,269	3,239	115	377	293	245	4,015	2,930	116	394	318	257
FOREIGN												
Total	2,266	1,746	97	135	145	143	2,033	1,436	109	156	173	159
31	2	2	—	—	—	—	—	—	—	—	—	—
29	2	1	1	—	—	—	2	2	—	—	—	—
28	2	1	1	—	—	—	—	—	—	—	—	—
27	1	1	—	—	—	—	1	1	—	—	—	—
26	189	187	1	1	—	—	353	349	4	—	—	—
25	184	180	4	—	—	—	242	232	1	—	6	3
24	147	146	1	—	—	—	144	137	—	—	4	3
23	330	321	—	—	9	—	178	148	—	—	3	27
22	275	257	6	—	8	4	232	220	—	—	7	5
21	171	147	19	—	4	1	103	63	27	—	12	1
20	191	189	1	—	1	—	89	48	13	1	10	17
19	173	122	24	15	6	6	159	92	12	27	10	18
18	92	54	16	8	1	13	84	33	9	6	10	26
17	49	26	3	8	10	2	65	17	2	9	25	12
16	29	12	2	8	7	—	60	9	2	16	26	7
15	96	5	16	5	21	49	60	4	36	3	11	6
14	45	20	—	24	1	—	51	17	—	20	4	10
13	29	5	—	8	1	15	20	2	1	11	1	5
12	259	70	2	58	76	53	190	62	2	63	44	19
DOMESTIC												
Total	2,003	1,493	18	242	148	102	1,982	1,494	7	238	145	98
30	—	—	—	—	—	—	18	10	—	—	8	—
29	1	1	—	—	—	—	22	22	—	—	—	—
28	4	4	—	—	—	—	12	9	—	—	3	—
27	2	2	—	—	—	—	347	318	—	—	29	—
26	61	34	—	27	—	—	289	255	—	27	7	—
25	271	263	—	8	—	—	178	150	—	9	19	—
24	36	30	—	—	6	—	136	97	—	—	39	—
23	164	155	—	—	9	—	423	414	—	—	9	—
22	192	149	11	26	6	—	127	94	—	27	6	—
21	92	91	—	—	1	—	68	57	—	—	11	—
20	78	76	—	—	1	1	36	27	—	—	9	—
19	111	102	6	—	—	3	16	12	—	1	—	3
18	384	313	—	23	42	6	29	4	—	23	—	2
17	217	133	—	50	24	10	67	18	—	44	—	5
16	97	79	—	10	1	7	40	2	—	9	2	27
15	51	45	—	4	1	1	12	2	—	4	—	6
14	18	4	—	14	—	—	16	1	—	15	—	—
13	27	1	—	12	13	1	11	—	—	10	1	—
12	197	11	1	68	44	73	135	2	7	69	2	55
Total trips:											8,284	

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORT HURON, MI

	Inbound						Outbound					
Grand Total	63	42	—	12	8	1	73	52	—	11	8	2

FOREIGN

Total	44	40	—	2	1	1	46	45	—	—	—	1
26	3	3	—	—	—	—	—	—	—	—	—	—
25	6	6	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	1	1	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
22	1	1	—	—	—	—	3	3	—	—	—	—
21	1	1	—	—	—	—	5	5	—	—	—	—
20	—	—	—	—	—	—	3	3	—	—	—	—
19	2	2	—	—	—	—	5	5	—	—	—	—
18	1	—	—	—	—	1	2	2	—	—	—	—
17	—	—	—	—	—	—	3	3	—	—	—	—
14	1	—	—	1	—	—	—	—	—	—	—	—
12	27	25	—	1	1	—	24	23	—	—	—	1

DOMESTIC

Total	19	2	—	10	7	—	27	7	—	11	8	1
24	6	—	—	—	6	—	1	—	—	—	1	—
23	1	—	—	—	1	—	—	—	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
18	1	—	—	1	—	—	8	1	—	—	7	—
17	9	2	—	7	—	—	8	—	—	8	—	—
15	—	—	—	—	—	—	5	5	—	—	—	—
13	1	—	—	1	—	—	—	—	—	—	—	—
12	1	—	—	1	—	—	4	—	—	3	—	1
Total trips:												136

MARYSVILLE, MI

	Inbound						Outbound					
Grand Total	184	88	—	51	21	24	166	71	—	52	20	23

FOREIGN

Total	41	34	—	1	5	1	40	27	—	5	6	2
26	9	9	—	—	—	—	1	1	—	—	—	—
25	14	14	—	—	—	—	—	—	—	—	—	—
24	6	6	—	—	—	—	2	2	—	—	—	—
23	1	1	—	—	—	—	1	1	—	—	—	—
22	1	1	—	—	—	—	11	11	—	—	—	—
21	1	1	—	—	—	—	3	3	—	—	—	—
19	2	2	—	—	—	—	7	7	—	—	—	—
18	—	—	—	—	—	—	2	1	—	1	—	—
17	1	—	—	—	1	—	1	1	—	—	—	—
16	1	—	—	1	—	—	1	—	—	1	—	—
15	1	—	—	—	1	—	1	—	—	—	1	—
12	4	—	—	—	3	1	10	—	—	3	5	2

DOMESTIC

Total	143	54	—	50	16	23	126	44	—	47	14	21
27	1	—	—	—	1	—	—	—	—	—	—	—
26	2	1	—	—	1	—	—	—	—	—	—	—
25	5	4	—	—	1	—	1	—	—	—	1	—
24	14	3	—	—	11	—	5	—	—	—	5	—
23	3	2	—	—	1	—	1	—	—	—	1	—
22	19	16	—	2	1	—	7	5	—	2	—	—
21	12	12	—	—	—	—	3	3	—	—	—	—
20	5	5	—	—	—	—	—	—	—	—	—	—
19	7	7	—	—	—	—	4	4	—	—	—	—
18	2	1	—	1	—	—	10	6	—	1	3	—
17	14	1	—	11	—	2	36	20	—	12	4	—
16	11	2	—	6	—	3	10	4	—	6	—	—
15	—	—	—	—	—	—	2	2	—	—	—	—
13	7	—	—	7	—	—	4	—	—	—	—	—
12	41	—	—	23	—	18	43	—	—	22	—	21
Total trips:												350

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ST. CLAIR, MI												
	Inbound						Outbound					
Grand Total	127	85	—	21	—	21	130	85	—	24	—	21
DOMESTIC												
Total	127	85	—	21	—	21	130	85	—	24	—	21
27	66	66	—	—	—	—	—	—	—	—	—	—
26	14	14	—	—	—	—	1	1	—	—	—	—
25	3	3	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	25	25	—	—	—	—
22	1	1	—	—	—	—	23	23	—	—	—	—
21	—	—	—	—	—	—	6	6	—	—	—	—
20	—	—	—	—	—	—	30	30	—	—	—	—
12	42	—	—	21	—	21	45	—	—	24	—	21
											Total trips:	257
MARINE CITY, MI												
	Inbound						Outbound					
Grand Total	111	109	—	1	1	—	114	111	—	2	1	—
FOREIGN												
Total	4	4	—	—	—	—	10	9	—	1	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
22	—	—	—	—	—	—	2	2	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
12	—	—	—	—	—	—	1	—	—	1	—	—
9	—	—	—	—	—	—	1	1	—	—	—	—
6	1	1	—	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	107	105	—	1	1	—	104	102	—	1	1	—
28	1	1	—	—	—	—	—	—	—	—	—	—
27	35	35	—	—	—	—	—	—	—	—	—	—
26	24	24	—	—	—	—	1	1	—	—	—	—
25	10	10	—	—	—	—	—	—	—	—	—	—
24	4	3	—	—	1	—	—	—	—	—	—	—
23	12	12	—	—	—	—	46	46	—	—	—	—
22	5	5	—	—	—	—	12	12	—	—	—	—
21	12	12	—	—	—	—	—	—	—	—	—	—
20	2	1	—	1	—	—	1	—	—	1	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
18	1	1	—	—	—	—	2	2	—	—	—	—
17	—	—	—	—	—	—	33	32	—	—	1	—
16	—	—	—	—	—	—	2	2	—	—	—	—
15	—	—	—	—	—	—	6	6	—	—	—	—
13	—	—	—	—	—	—	1	1	—	—	—	—
											Total trips:	225
CHANNELS IN LAKE ST. CLAIR												
	Upbound						Downbound					
Grand Total	3,297	2,511	83	293	217	193	3,285	2,457	77	315	240	196
FOREIGN												
Total	1,556	1,229	65	79	90	93	1,553	1,175	70	95	112	101
31	1	1	—	—	—	—	—	—	—	—	—	—
29	2	1	1	—	—	—	2	2	—	—	—	—
28	2	1	1	—	—	—	—	—	—	—	—	—
27	1	1	—	—	—	—	1	1	—	—	—	—
26	130	128	1	1	—	—	337	335	2	—	—	—
25	140	136	4	—	—	—	198	188	1	—	6	3
24	93	92	1	—	—	—	83	76	—	—	4	3

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CHANNELS IN LAKE ST. CLAIR - continued
Upbound

Downbound

FOREIGN

23	226	225	—	—	1	—	154	124	—	—	3	27
22	206	189	5	—	8	4	198	187	—	—	7	4
21	105	96	4	—	4	1	86	55	20	—	10	1
20	170	168	1	—	1	—	78	44	11	1	10	12
19	131	92	18	15	4	2	145	84	12	23	10	16
18	75	46	16	8	1	4	51	29	5	3	5	9
17	27	11	3	6	6	1	44	15	2	8	12	7
16	21	10	1	5	5	—	42	8	2	9	19	4
15	71	4	8	3	14	42	25	3	12	1	6	3
14	21	11	—	9	1	—	20	8	—	10	1	1
13	23	4	—	8	1	10	15	2	1	8	1	3
12	111	13	1	24	44	29	74	14	2	32	18	8

DOMESTIC

Total	1,741	1,282	18	214	127	100	1,732	1,282	7	220	128	95
30	—	—	—	—	—	—	18	10	—	—	8	—
29	1	1	—	—	—	—	22	22	—	—	—	—
28	4	4	—	—	—	—	11	8	—	—	3	—
27	2	2	—	—	—	—	245	217	—	—	28	—
26	60	33	—	27	—	—	249	216	—	27	6	—
25	271	263	—	8	—	—	162	135	—	9	18	—
24	31	30	—	—	1	—	118	91	—	—	27	—
23	94	86	—	—	8	—	409	401	—	—	8	—
22	156	115	11	24	6	—	115	85	—	25	5	—
21	85	84	—	—	1	—	46	35	—	—	11	—
20	51	49	—	—	1	1	36	27	—	—	9	—
19	108	99	6	—	—	3	12	8	—	1	—	3
18	365	304	—	23	32	6	27	3	—	22	—	2
17	153	91	—	33	19	10	54	17	—	33	—	4
16	91	73	—	10	1	7	39	2	—	9	2	26
15	39	33	—	4	1	1	12	2	—	4	—	6
14	18	4	—	14	—	—	16	1	—	15	—	—
13	25	—	—	11	13	1	9	—	—	8	1	—
12	187	11	1	60	44	71	132	2	7	67	2	54
Total trips:											6,582	

DETROIT RIVER, MI

Upbound

Downbound

Grand Total	5,092	3,593	111	572	286	530	4,814	3,507	111	501	324	371
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FOREIGN

Total	2,203	1,699	89	131	151	133	2,208	1,613	103	160	181	151
31	1	1	—	—	—	—	—	—	—	—	—	—
29	2	1	1	—	—	—	2	2	—	—	—	—
28	2	1	1	—	—	—	—	—	—	—	—	—
27	1	1	—	—	—	—	1	1	—	—	—	—
26	174	170	1	2	1	—	346	344	2	—	—	—
25	188	183	4	—	1	—	218	206	3	—	6	3
24	136	135	1	—	—	—	125	118	—	—	4	3
23	308	307	—	—	1	—	232	200	2	—	3	27
22	248	231	5	—	8	4	258	247	—	—	7	4
21	151	141	5	—	4	1	170	129	30	—	10	1
20	188	186	1	—	1	—	127	68	19	1	18	21
19	174	124	27	15	5	3	202	104	19	25	19	35
18	120	77	28	8	1	6	64	38	7	3	5	11
17	42	17	5	8	6	6	67	34	4	9	12	8
16	29	15	1	8	5	—	50	12	2	13	19	4
15	75	4	8	4	15	44	38	8	12	4	8	6
14	39	24	—	14	1	—	34	20	—	10	3	1
13	31	4	—	8	1	18	20	2	1	8	1	8
12	294	77	1	64	101	51	254	80	2	87	66	19

DOMESTIC

Total	2,889	1,894	22	441	135	397	2,606	1,894	8	341	143	220
30	—	—	—	—	—	—	19	10	—	—	9	—
29	1	1	—	—	—	—	22	22	—	—	—	—
28	4	4	—	—	—	—	11	8	—	—	3	—
27	2	2	—	—	—	—	246	218	—	—	28	—
26	60	33	—	27	—	—	248	214	—	28	6	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
DETROIT RIVER, MI - continued												
	Upbound						Downbound					
DOMESTIC												
25	280	268	—	8	4	—	162	135	—	9	18	—
24	46	42	—	—	4	—	118	91	—	—	27	—
23	114	106	—	—	8	—	409	401	—	—	8	—
22	178	132	11	29	6	—	125	92	—	28	5	—
21	97	96	—	—	1	—	50	39	—	—	11	—
20	63	61	—	—	1	1	53	44	—	—	9	—
19	121	110	6	—	1	4	31	19	—	1	—	11
18	445	312	—	91	32	10	157	39	—	78	9	31
17	158	95	—	34	19	10	88	35	—	39	5	9
16	156	73	—	74	1	8	62	8	—	9	2	43
15	44	34	—	4	1	5	18	6	—	4	—	8
14	33	4	—	29	—	—	31	—	—	30	—	1
13	32	—	—	18	13	1	17	—	—	16	1	—
12	1,055	521	5	127	44	358	739	513	8	99	2	117
											Total trips:	9,906
DETROIT HARBOR, MI												
	Inbound						Outbound					
Grand Total	815	712	—	52	46	5	807	707	—	49	46	5
FOREIGN												
Total	161	123	—	18	19	1	151	111	—	20	18	2
31	—	—	—	—	—	—	1	1	—	—	—	—
26	21	21	—	—	—	—	1	1	—	—	—	—
25	19	19	—	—	—	—	1	1	—	—	—	—
24	15	15	—	—	—	—	16	16	—	—	—	—
23	9	9	—	—	—	—	29	29	—	—	—	—
22	16	16	—	—	—	—	16	16	—	—	—	—
21	21	21	—	—	—	—	12	12	—	—	—	—
20	8	8	—	—	—	—	9	9	—	—	—	—
19	5	5	—	—	—	—	6	6	—	—	—	—
18	3	3	—	—	—	—	6	6	—	—	—	—
17	3	2	—	1	—	—	7	6	—	1	—	—
16	15	3	—	—	12	—	9	3	—	2	4	—
15	2	—	—	—	2	—	2	1	—	—	1	—
14	—	—	—	—	—	—	2	2	—	—	—	—
13	7	—	—	6	1	—	7	—	—	7	—	—
12	17	1	—	11	4	1	27	2	—	10	13	2
DOMESTIC												
Total	654	589	—	34	27	4	656	596	—	29	28	3
30	—	—	—	—	—	—	1	—	—	—	1	—
27	33	33	—	—	—	—	—	—	—	—	—	—
26	30	25	—	5	—	—	5	—	—	5	—	—
25	12	4	—	—	8	—	—	—	—	—	—	—
24	21	14	—	—	7	—	1	1	—	—	—	—
23	12	12	—	—	—	—	3	3	—	—	—	—
22	26	19	—	7	—	—	13	6	—	7	—	—
21	14	7	—	—	7	—	11	11	—	—	—	—
20	11	9	—	—	2	—	21	21	—	—	—	—
19	5	3	—	1	1	—	8	8	—	—	—	—
18	4	3	—	1	—	—	58	53	—	—	5	—
17	6	2	—	4	—	—	22	9	—	5	8	—
16	2	1	—	—	1	—	26	25	—	1	—	—
15	—	—	—	—	—	—	2	1	—	—	1	—
13	2	—	—	1	1	—	9	—	—	—	9	—
12	476	457	—	15	—	4	476	458	—	11	4	3
											Total trips:	1,622
ROUGE RIVER, MI												
	Inbound						Outbound					
Grand Total	1,227	620	5	268	82	252	1,204	622	5	262	53	262
FOREIGN												
Total	234	95	—	56	56	27	188	97	—	40	27	24

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

ROUGE RIVER, MI - continued

Inbound

Outbound

FOREIGN

26	17	15	—	1	1	—	2	1	—	1	—	—
25	40	30	—	—	7	3	1	1	—	—	—	—
24	10	10	—	—	—	—	3	3	—	—	—	—
23	6	6	—	—	—	—	30	30	—	—	—	—
22	9	9	—	—	—	—	12	12	—	—	—	—
21	2	2	—	—	—	—	14	14	—	—	—	—
20	8	5	—	—	—	3	9	6	—	—	—	3
19	5	2	—	3	—	—	16	8	—	4	—	4
18	9	2	—	1	2	4	6	2	—	1	1	2
17	15	—	—	5	6	4	13	4	—	5	2	2
16	10	1	—	3	5	1	7	3	—	4	—	—
15	7	1	—	2	2	2	11	1	—	1	5	4
14	14	10	—	3	1	—	11	10	—	1	—	—
13	1	—	—	1	—	—	2	—	—	—	—	2
12	81	2	—	37	32	10	51	2	—	23	19	7

DOMESTIC

Total	993	525	5	212	26	225	1,016	525	5	222	26	238
28	3	—	—	—	3	—	—	—	—	—	—	—
27	71	71	—	—	—	—	—	—	—	—	—	—
26	262	258	—	3	1	—	4	1	—	3	—	—
25	28	27	—	—	1	—	—	—	—	—	—	—
24	69	52	—	—	17	—	—	—	—	—	—	—
23	81	80	—	—	1	—	—	—	—	—	—	—
22	14	13	—	1	—	—	17	16	—	1	—	—
21	3	3	—	—	—	—	265	265	—	—	—	—
20	11	8	—	—	3	—	11	11	—	—	—	—
19	7	4	—	—	—	3	32	22	4	—	—	6
18	73	5	—	63	—	5	273	149	—	71	22	31
17	22	1	—	19	—	2	66	39	—	21	1	5
16	39	—	—	34	—	5	64	10	—	34	—	20
15	7	1	—	—	—	6	12	9	—	—	—	3
14	20	—	—	20	—	—	22	—	—	21	—	1
13	7	—	—	7	—	—	8	—	—	7	—	1
12	276	2	5	65	—	204	242	3	1	64	3	171
Total trips:											2,431	

ECORSE, MI

Inbound

Outbound

Grand Total	98	70	—	15	6	7	95	71	—	9	10	5
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FOREIGN

Total	81	62	—	9	6	4	81	63	—	5	10	3
23	48	48	—	—	—	—	33	33	—	—	—	—
22	5	5	—	—	—	—	8	8	—	—	—	—
21	3	3	—	—	—	—	10	10	—	—	—	—
20	1	1	—	—	—	—	1	1	—	—	—	—
19	—	—	—	—	—	—	2	2	—	—	—	—
18	2	2	—	—	—	—	5	5	—	—	—	—
17	—	—	—	—	—	—	1	1	—	—	—	—
16	2	—	—	2	—	—	—	—	—	—	—	—
15	1	1	—	—	—	—	3	2	—	—	—	1
14	3	2	—	1	—	—	1	1	—	—	—	—
12	16	—	—	6	6	4	17	—	—	5	10	2

DOMESTIC

Total	17	8	—	6	—	3	14	8	—	4	—	2
22	1	1	—	—	—	—	—	—	—	—	—	—
21	5	5	—	—	—	—	—	—	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
18	2	—	—	2	—	—	1	—	—	1	—	—
17	—	—	—	—	—	—	6	6	—	—	—	—
16	—	—	—	—	—	—	1	1	—	—	—	—
14	—	—	—	—	—	—	1	—	—	1	—	—
13	3	—	—	3	—	—	2	—	—	2	—	—
12	5	1	—	1	—	3	3	1	—	—	—	2
Total trips:											193	

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORT OF DETROIT, MI

	Inbound						Outbound					
Grand Total	2,242	1,463	5	355	134	285	2,196	1,458	5	335	109	289

FOREIGN

Total	480	284	—	83	81	32	424	275	—	65	55	29
31	—	—	—	—	—	—	1	1	—	—	—	—
26	39	37	—	1	1	—	3	2	—	1	—	—
25	60	50	—	—	7	3	2	2	—	—	—	—
24	25	25	—	—	—	—	21	21	—	—	—	—
23	63	63	—	—	—	—	92	92	—	—	—	—
22	30	30	—	—	—	—	36	36	—	—	—	—
21	26	26	—	—	—	—	36	36	—	—	—	—
20	17	14	—	—	—	3	19	16	—	—	—	3
19	10	7	—	3	—	—	24	16	—	4	—	4
18	14	7	—	1	2	4	17	13	—	1	1	2
17	18	2	—	6	6	4	21	11	—	6	2	2
16	27	4	—	5	17	1	16	6	—	6	4	—
15	10	2	—	2	4	2	16	4	—	1	6	5
14	17	12	—	4	1	—	14	13	—	1	—	—
13	8	—	—	7	1	—	9	—	—	7	—	2
12	116	5	—	54	42	15	97	6	—	38	42	11

DOMESTIC

Total	1,762	1,179	5	272	53	253	1,772	1,183	5	270	54	260
30	—	—	—	—	—	—	1	—	—	—	1	—
28	3	—	—	—	3	—	—	—	—	—	—	—
27	104	104	—	—	—	—	—	—	—	—	—	—
26	292	283	—	8	1	—	9	1	—	8	—	—
25	40	31	—	—	9	—	—	—	—	—	—	—
24	90	66	—	—	24	—	1	1	—	—	—	—
23	355	354	—	—	1	—	332	332	—	—	—	—
22	41	33	—	8	—	—	29	21	—	8	—	—
21	22	15	—	—	7	—	14	14	—	—	—	—
20	26	21	—	—	5	—	32	32	—	—	—	—
19	16	11	—	1	1	3	45	35	4	—	—	6
18	80	9	—	66	—	5	329	202	—	69	27	31
17	28	3	—	23	—	2	94	54	—	26	9	5
16	42	1	—	34	1	6	90	36	—	35	—	19
15	7	1	—	—	—	6	14	10	—	—	1	3
14	20	—	—	20	—	—	23	—	—	22	—	1
13	12	—	—	11	1	—	17	—	—	7	9	1
12	584	247	5	101	—	231	742	445	1	95	7	194
Total trips:											4,438	

MONROE HARBOR, MI

	Inbound						Outbound					
Grand Total	86	32	—	22	19	13	80	30	—	20	17	13

FOREIGN

Total	21	7	—	5	4	5	12	5	—	1	2	4
23	2	2	—	—	—	—	—	—	—	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—
17	5	—	—	—	1	4	—	—	—	—	—	—
16	5	—	—	3	1	1	—	—	—	—	—	—
15	1	—	—	—	1	—	—	—	—	—	—	—
14	4	4	—	—	—	—	3	3	—	—	—	—
12	1	—	—	1	—	—	—	—	—	—	—	—
11	2	—	—	1	1	—	1	—	1	—	—	—
8	—	—	—	—	—	—	1	—	—	—	—	1
7	—	—	—	—	—	—	3	—	—	—	1	2
6	—	—	—	—	—	—	1	—	—	—	—	1
4	—	—	—	—	—	—	1	—	—	—	1	—

DOMESTIC

Total	65	25	—	17	15	8	68	25	—	19	15	9
23	2	2	—	—	—	—	2	2	—	—	—	—
22	2	2	—	—	—	—	1	1	—	—	—	—
21	5	5	—	—	—	—	—	—	—	—	—	—
20	13	13	—	—	—	—	1	1	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

MONROE HARBOR, MI - continued

Inbound

Outbound

DOMESTIC

19	—	—	—	—	—	—	6	6	—	—	—	—
18	5	2	—	2	—	1	14	11	—	3	—	—
17	1	1	—	—	—	—	2	2	—	—	—	—
16	6	—	—	—	—	6	2	2	—	—	—	—
14	6	—	—	6	—	—	5	—	—	5	—	—
13	—	—	—	—	—	—	1	—	—	1	—	—
12	1	—	—	—	—	1	—	—	—	—	—	—
9	8	—	—	—	8	—	16	—	—	—	15	1
7	—	—	—	—	—	—	5	—	—	—	—	5
6	9	—	—	9	—	—	10	—	—	10	—	—
5	—	—	—	—	—	—	3	—	—	—	—	3
2	7	—	—	—	7	—	—	—	—	—	—	—
											Total trips:	166

CALCITE, MI

Inbound

Outbound

Grand Total	436	379	9	20	28	—	425	375	2	20	28	—
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FOREIGN

Total	61	53	8	—	—	—	48	47	1	—	—	—
25	—	—	—	—	—	—	3	3	—	—	—	—
24	—	—	—	—	—	—	32	32	—	—	—	—
23	3	3	—	—	—	—	8	8	—	—	—	—
22	9	9	—	—	—	—	2	2	—	—	—	—
21	26	19	7	—	—	—	—	—	—	—	—	—
20	6	6	—	—	—	—	—	—	—	—	—	—
19	14	13	1	—	—	—	2	2	—	—	—	—
18	2	2	—	—	—	—	—	—	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	1	—	1	—	—	—

DOMESTIC

Total	375	326	1	20	28	—	377	328	1	20	28	—
29	—	—	—	—	—	—	1	1	—	—	—	—
28	—	—	—	—	—	—	4	4	—	—	—	—
27	—	—	—	—	—	—	6	6	—	—	—	—
26	2	—	—	2	—	—	23	21	—	2	—	—
25	4	—	—	4	—	—	145	133	—	4	8	—
24	1	1	—	—	—	—	61	52	—	—	9	—
23	4	—	—	—	4	—	38	37	—	—	1	—
22	72	68	1	3	—	—	31	22	—	3	6	—
21	24	24	—	—	—	—	41	37	—	—	4	—
20	28	27	—	—	1	—	8	8	—	—	—	—
19	48	48	—	—	—	—	3	3	—	—	—	—
18	33	23	—	—	10	—	1	1	—	—	—	—
17	103	83	—	9	11	—	12	3	—	9	—	—
16	12	12	—	—	—	—	—	—	—	—	—	—
15	31	31	—	—	—	—	—	—	—	—	—	—
14	6	6	—	—	—	—	—	—	—	—	—	—
13	2	2	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	1	—	1	—	—	—
10	2	—	—	—	2	—	—	—	—	—	—	—
8	2	—	—	2	—	—	2	—	—	2	—	—
1	1	1	—	—	—	—	—	—	—	—	—	—
											Total trips:	861

ESCANABA, MI

Inbound

Outbound

Grand Total	249	190	—	30	29	—	256	191	—	32	33	—
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FOREIGN

Total	4	4	—	—	—	—	2	2	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	2	2	—	—	—	—	—	—	—	—	—	—
22	1	1	—	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

ESCANABA, MI - continued

Inbound							Outbound					
FOREIGN												
19	—	—	—	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	245	186	—	30	29	—	254	189	—	32	33	—
30	—	—	—	—	—	—	9	3	—	—	6	—
29	1	—	—	—	1	—	16	12	—	—	4	—
28	—	—	—	—	—	—	85	83	—	—	2	—
27	2	—	—	—	2	—	61	44	—	—	17	—
26	11	—	—	11	—	—	28	15	—	13	—	—
25	2	—	—	2	—	—	2	2	—	—	—	—
24	12	12	—	—	—	—	1	1	—	—	—	—
23	31	31	—	—	—	—	—	—	—	—	—	—
22	25	9	—	16	—	—	17	1	—	16	—	—
21	105	105	—	—	—	—	10	10	—	—	—	—
20	3	3	—	—	—	—	2	2	—	—	—	—
19	5	5	—	—	—	—	1	1	—	—	—	—
18	20	20	—	—	—	—	14	14	—	—	—	—
17	1	1	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
13	1	—	—	1	—	—	2	—	—	2	—	—
11	—	—	—	—	—	—	1	—	—	1	—	—
10	12	—	—	—	12	—	2	—	—	—	2	—
9	14	—	—	—	14	—	2	—	—	—	2	—
Total trips:											505	

STONEPORT, MI

Inbound							Outbound					
Grand Total	488	318	—	83	87	—	491	321	—	83	87	—
FOREIGN												
Total	14	14	—	—	—	—	13	13	—	—	—	—
24	—	—	—	—	—	—	4	4	—	—	—	—
23	1	1	—	—	—	—	—	—	—	—	—	—
21	1	1	—	—	—	—	2	2	—	—	—	—
19	5	5	—	—	—	—	1	1	—	—	—	—
18	6	6	—	—	—	—	5	5	—	—	—	—
17	1	1	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	474	304	—	83	87	—	478	308	—	83	87	—
30	—	—	—	—	—	—	1	—	—	—	1	—
29	—	—	—	—	—	—	2	2	—	—	—	—
28	—	—	—	—	—	—	7	4	—	—	3	—
27	—	—	—	—	—	—	6	—	—	—	6	—
26	22	1	—	21	—	—	28	11	—	17	—	—
25	—	—	—	—	—	—	81	68	—	4	9	—
24	2	2	—	—	—	—	77	45	—	—	32	—
23	8	8	—	—	—	—	51	46	—	—	5	—
22	34	25	—	8	1	—	45	34	—	7	4	—
21	8	8	—	—	—	—	12	11	—	—	1	—
20	1	1	—	—	—	—	51	26	—	1	24	—
19	15	14	—	—	1	—	26	24	—	—	2	—
18	135	78	—	5	52	—	21	21	—	—	—	—
17	150	96	—	47	7	—	67	15	—	52	—	—
16	35	35	—	—	—	—	1	1	—	—	—	—
15	20	20	—	—	—	—	—	—	—	—	—	—
14	10	10	—	—	—	—	—	—	—	—	—	—
13	3	1	—	2	—	—	2	—	—	2	—	—
12	5	5	—	—	—	—	—	—	—	—	—	—
10	20	—	—	—	20	—	—	—	—	—	—	—
9	6	—	—	—	6	—	—	—	—	—	—	—
Total trips:											979	

ALGOMA HARBOR, WI
No Vessel Trips Reported

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ALGONAC, MI (12 feet and less)												
				Inbound						Outbound		
Grand Total	4	—	—	3	1	—	3	—	—	3	—	—
										Total trips:	—	7
ASHLAND HARBOR, WI (25 feet and less)												
				Inbound						Outbound		
Grand Total	9	9	—	—	—	—	9	9	—	—	—	—
										Total trips:	—	18
AU SABLE HARBOR AND RIVER (OSCODA), MI No Vessel Trips Reported												
BAYFIELD HARBOR, WI (8 feet and less)												
				Inbound						Outbound		
Grand Total	6,028	6,028	—	—	—	—	6,024	6,024	—	—	—	—
										Total trips:	—	12,052
BIG BAY HARBOR, MI No Vessel Trips Reported												
BLACK RIVER HARBOR, MI No Vessel Trips Reported												
CASEVILLE, MI No Vessel Trips Reported												
CEDAR RIVER HARBOR, MI No Vessel Trips Reported												
CHIPPEWA HARBOR (ISLE ROYALE), MI No Vessel Trips Reported												
CORNUCOPIA HARBOR, WI No Vessel Trips Reported												
DETOUR, MI AND VICINITY (12 feet and less)												
				Inbound						Outbound		
Grand Total	17,646	17,646	—	—	—	—	17,646	17,646	—	—	—	—
										Total trips:	—	35,292
DETROIT HARBOR, WI (9 feet and less)												
				Inbound						Outbound		
Grand Total	3,796	3,796	—	—	—	—	3,854	3,854	—	—	—	—
										Total trips:	—	7,650
EAGLE HARBOR, MI No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
FRANKFORT HARBOR, MI (18 feet and less)												
				Inbound						Outbound		
Grand Total	28	—	—	14	—	14	28	—	—	14	—	14
										Total trips:		56
GLADSTONE HARBOR, MI (24 feet and less)												
				Inbound						Outbound		
Grand Total	16	6	—	5	—	5	16	6	—	5	—	5
										Total trips:		32
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI No Vessel Trips Reported												
GRAND MARAIS HARBOR, MN No Vessel Trips Reported												
GRAND TRAVERSE BAY HARBOR, MI (10 feet and less)												
				Inbound						Outbound		
Grand Total	340	340	—	—	—	—	340	340	—	—	—	—
										Total trips:		680
HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON) (25 feet and less)												
				Inbound						Outbound		
Grand Total	16	16	—	—	—	—	16	16	—	—	—	—
										Total trips:		32
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON) No Vessel Trips Reported												
KENOSHA HARBOR, WI No Vessel Trips Reported												
KEWAUNEE HARBOR, WI (12 feet and less)												
				Inbound						Outbound		
Grand Total	17	—	—	8	9	—	17	—	—	8	9	—
										Total trips:		34
KEWEENAW WATERWAY, MI (23 feet and less)												
				Upbound						Downbound		
Grand Total	67	60	—	2	5	—	67	60	—	2	4	1
										Total trips:		134
KNIFE RIVER HARBOR, MN No Vessel Trips Reported												
LA POINTE HARBOR, WI (8 feet and less)												
				Inbound						Outbound		
Grand Total	5,709	5,709	—	—	—	—	5,709	5,709	—	—	—	—
										Total trips:		11,418
LAC LA BELLE HARBOR, MI No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
LELAND HARBOR, MI (6 feet and less)												
			Inbound						Outbound			
Grand Total	238	238	—	—	—	—	238	238	—	—	—	—
										Total trips:		476
LIME ISLAND, MI No Vessel Trips Reported												
MACKINAC HARBOR, MI (9 feet and less)												
			Inbound						Outbound			
Grand Total	15,783	15,783	—	—	—	—	15,783	15,783	—	—	—	—
										Total trips:		31,566
MACKINAW CITY HARBOR, MI (11 feet and less)												
			Inbound						Outbound			
Grand Total	5,653	5,653	—	—	—	—	5,657	5,655	—	1	—	1
										Total trips:		11,310
MANISTIQUE HARBOR, MI (6 feet and less)												
			Inbound						Outbound			
Grand Total	31	—	—	9	—	22	31	—	—	9	—	22
										Total trips:		62
MENOMINEE HARBOR AND RIVER, MI AND WI (25 feet and less)												
			Inbound						Outbound			
Grand Total	28	18	—	6	4	—	29	18	—	7	4	—
										Total trips:		57
NEW BUFFALO HARBOR, MI No Vessel Trips Reported												
OCONTO HARBOR, WI No Vessel Trips Reported												
ONTONAGON HARBOR, MI (20 feet and less)												
			Inbound						Outbound			
Grand Total	6	6	—	—	—	—	7	7	—	—	—	—
										Total trips:		13
PENSAUKEE HARBOR, WI No Vessel Trips Reported												
PENTWATER HARBOR, MI No Vessel Trips Reported												
PORT SANILAC HARBOR, MI No Vessel Trips Reported												
PORT WING HARBOR, WI No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PUT-IN-BAY HARBOR, OH (7 feet and less)												
			Inbound						Outbound			
Grand Total	8,042	7,905	91	22	24	—	8,045	7,906	91	24	24	—
										Total trips:		16,087
RACINE HARBOR, WI No Vessel Trips Reported												
ROGERS CITY, MI No Vessel Trips Reported												
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI (4 feet and less)												
			Upbound						Downbound			
Grand Total	507	507	—	—	—	—	507	507	—	—	—	—
										Total trips:		1,014
SAULT STE. MARIE, MI (25 feet and less)												
			Inbound						Outbound			
Grand Total	35,892	35,846	—	23	23	—	35,892	35,846	—	23	23	—
										Total trips:		71,784
SEBEWAING, MI No Vessel Trips Reported												
SHEBOYGAN HARBOR, WI No Vessel Trips Reported												
SOUTH HAVEN HARBOR, MI No Vessel Trips Reported												
ST. JAMES (BEAVER ISLAND), MI (9 feet and less)												
			Inbound						Outbound			
Grand Total	422	390	—	10	—	22	417	386	—	9	—	22
										Total trips:		839
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI (25 feet and less)												
			Upbound						Downbound			
Grand Total	41	15	—	17	6	3	47	20	—	17	7	3
										Total trips:		88
TRAVERSE CITY HARBOR, MI (20 feet and less)												
			Inbound						Outbound			
Grand Total	459	340	—	56	—	63	448	340	—	52	—	56
										Total trips:		907
TRENTON, MI (26 feet and less)												
			Inbound						Outbound			
Grand Total	46	4	—	21	—	21	46	4	—	21	—	21
										Total trips:		92

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
TWO RIVERS HARBOR, WI (8 feet and less)												
			Inbound						Outbound			
Grand Total	8	—	—	4	4	—	—	—	—	—	—	—
										Total trips:	—	8
WARROAD HARBOR, MN No Vessel Trips Reported												
WHITE LAKE HARBOR, MI No Vessel Trips Reported												
WHITEFISH POINT HARBOR, MI No Vessel Trips Reported												
WYANDOTTE, MI (22 feet and less)												
			Inbound						Outbound			
Grand Total	128	128	—	—	—	—	128	128	—	—	—	—
										Total trips:	—	256
MARBLEHEAD, OH (26 feet and less)												
			Inbound						Outbound			
Grand Total	10,767	10,516	—	123	128	—	10,762	10,513	—	123	126	—
										Total trips:	—	21,529
PORT DOLOMITE, MI (28 feet and less)												
			Inbound						Outbound			
Grand Total	209	149	—	28	32	—	210	147	—	29	33	1
										Total trips:	—	419
PORT GYPSUM, MI (22 feet and less)												
			Inbound						Outbound			
Grand Total	29	29	—	—	—	—	29	29	—	—	—	—
										Total trips:	—	58
PORT INLAND, MI (28 feet and less)												
			Inbound						Outbound			
Grand Total	615	560	—	24	31	—	616	561	—	24	31	—
										Total trips:	—	1,231
SILVER BAY, MN (30 feet and less)												
			Inbound						Outbound			
Grand Total	157	147	—	5	5	—	152	148	—	2	2	—
										Total trips:	—	309

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Port Facilities by Waterway

Waterway: **West Arm Grand Traverse Bay** Mile: PWD: 116
 Name: **Total Petroleum Traverse City Terminal Dock.**
 Port: Traverse City
 Location: Greilickville, West shore of West Arm, Grand Traverse Bay approximately 1.7 miles north of inner end at Datum: LWD
 Operator: Total Petroleum Inc.
 Owner: Total Petroleum Inc.
 Address: 13544 West Bayshore Drive. Phone: 616/946-9551
 Town: Greilickville State: MI County: Leelanau
 Railway Connection: None.
 Purpose: Receipt of petroleum products.
 Depth Alongside (feet): 30 | | Latitude (decimal): 44.782778
 Total Berthing Space (feet): 434 | | Longitude (decimal): -85.63611
 Remarks: Two 8-inch pipelines extend from wharf to 8 steel storage tanks at terminal in rear, total capacity 220,000 barrels. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77476 Detroit District

Waterway: **West Arm Grand Traverse Bay** Mile: PWD: 117
 Name: **Traverse City, Light and Power Department, Coal Dock.**
 Port: Traverse City
 Location: Greilickville, West shore of West Arm, Grand Traverse Bay approximately 2 miles north of inner end at Tr Datum: LWD
 Operator: Traverse City, Light and Power Department and others.
 Owner: City of Traverse City.
 Address: 13223 West Bayshore Drive. Phone: 616/922-4940
 Town: Greilickville State: MI County: Leelanau
 Railway Connection: None.
 Purpose: Receipt of coal for plant consumption. Occasional receipt of limestone.
 Depth Alongside (feet): 21 | - | - Latitude (decimal): 44.786389
 Total Berthing Space (feet): 700 | | Longitude (decimal): -85.63556
 Remarks: Open storage area on opposite side of Bayshore Drive in rear has capacity for approximately 15,540 tons of coal. Coal is trucked to the Bayside Power Plant located approximately 3 miles south in Traverse City as r

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77476 Detroit District

Port Facilities by Waterway

Waterway: Agate Bay	Mile:	PWD: 62
Name: Duluth, Missabe and Iron Range Railway, Ore Dock No. 1.		
Port: Lake Superior		
Location: Agate Bay, approximately 1,600 feet north of West Breakwater, Two Harbors, Minnesota.	Datum: LWD	
Operator: Duluth, Missabe and Iron Range Railway Co.		
Owner: Duluth, Missabe and Iron Range Railway Co.		
Address: Waterfront Drive.	Phone: 218/834-8162	
Town: Two Harbors	State: MN	County: Lake
Railway Connection: Duluth, Missabe and Iron Range Railway: 4 tracks on top of steel structure over ore pockets join 2 tracks on elevated approach trestle.		
Purpose: Shipment of iron ore and iron ore pellets; bunkering vessels. (See Remarks.)		
Depth Alongside (feet): 27 - 30 28 28 - 30	Latitude (decimal): 47.015556	
Total Berthing Space (feet): 1,406 1,406	Longitude (decimal): -91.67028	
Waterway: Agate Bay	Mile:	PWD: 62
Name: Duluth, Missabe and Iron Range Railway, Ore Dock No. 1.		
Port: Lake Superior		
Location: Agate Bay, approximately 1,600 feet north of West Breakwater, Two Harbors, Minnesota.	Datum: LWD	
Operator: Duluth, Missabe and Iron Range Railway Co.		
Owner: Duluth, Missabe and Iron Range Railway Co.		
Address: Waterfront Drive.	Phone: 218/834-8162	
Town: Two Harbors	State: MN	County: Lake
Railway Connection: Duluth, Missabe and Iron Range Railway: 4 tracks on top of steel structure over ore pockets join 2 tracks on elevated approach trestle.		
Purpose: Shipment of iron ore and iron ore pellets; bunkering vessels. (See Remarks.)		
Depth Alongside (feet): 27 - 30 28 28 - 30	Latitude (decimal): 47.015556	
Total Berthing Space (feet): 1,406 1,406	Longitude (decimal): -91.67028	
Remarks: One 8-inch Bunker C pipeline on each side of pier extends to storage tanks described under Ref. No. 61.□		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79297
Detroit District		

Remarks: One 8-inch Bunker C pipeline on each side of pier extends to storage tanks described under Ref. No. 61.□

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79297	Detroit District
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Port Facilities by Waterway

Waterway: Agate Bay	Mile:	PWD: 62
Name: Duluth, Missabe and Iron Range Railway, Ore Dock No. 1.		
Port: Lake Superior		
Location: Agate Bay, approximately 1,600 feet north of West Breakwater, Two Harbors, Minnesota.	Datum: LWD	
Operator: Duluth, Missabe and Iron Range Railway Co.		
Owner: Duluth, Missabe and Iron Range Railway Co.		
Address: Waterfront Drive.	Phone: 218/834-8162	
Town: Two Harbors	State: MN	County: Lake
Railway Connection: Duluth, Missabe and Iron Range Railway: 4 tracks on top of steel structure over ore pockets join 2 tracks on elevated approach trestle.		
Purpose: Shipment of iron ore and iron ore pellets; bunkering vessels. (See Remarks.)		
Depth Alongside (feet): 27 - 30 28 28 - 30	Latitude (decimal): 47.015556	
Total Berthing Space (feet): 1,406 1,406	Longitude (decimal): -91.67028	
Waterway: Agate Bay	Mile:	PWD: 62
Name: Duluth, Missabe and Iron Range Railway, Ore Dock No. 1.		
Port: Lake Superior		
Location: Agate Bay, approximately 1,600 feet north of West Breakwater, Two Harbors, Minnesota.	Datum: LWD	
Operator: Duluth, Missabe and Iron Range Railway Co.		
Owner: Duluth, Missabe and Iron Range Railway Co.		
Address: Waterfront Drive.	Phone: 218/834-8162	
Town: Two Harbors	State: MN	County: Lake
Railway Connection: Duluth, Missabe and Iron Range Railway: 4 tracks on top of steel structure over ore pockets join 2 tracks on elevated approach trestle.		
Purpose: Shipment of iron ore and iron ore pellets; bunkering vessels. (See Remarks.)		
Depth Alongside (feet): 27 - 30 28 28 - 30	Latitude (decimal): 47.015556	
Total Berthing Space (feet): 1,406 1,406	Longitude (decimal): -91.67028	
Remarks: One 8-inch Bunker C pipeline on each side of pier extends to storage tanks described under Ref. No. 61.□		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79297
Detroit District		
Remarks: One 8-inch Bunker C pipeline on each side of pier extends to storage tanks described under Ref. No. 61.□		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79297
Detroit District		

Port Facilities by Waterway

Waterway:	Agate Bay	Mile:	PWD: 61
Name:	Duluth, Missabe and Iron Range Railway, Ore Dock No. 2.		
Port:	Lake Superior		
Location:	Agate Bay, approximately 1,300 feet north of West Breakwater, Two Harbors, Minnesota.	Datum:	LWD
Operator:	Duluth, Missabe and Iron Range Railway Co.		
Owner:	Duluth, Missabe and Iron Range Railway Co.		
Address:	Waterfront Drive.	Phone:	218/834-8162
Town:	Two Harbors	State:	MN
		County:	Lake
Railway Connection:	Duluth, Missabe and Iron Range Railway: Two tracks on top of elevated structure join tracks on elevated approach trestle; connect with tracks serving car dumper at rear.		
Purpose:	Shipment of iron ore and iron ore pellets; receipt of fuel oil; bunkering vessels.		
Depth Alongside (feet):	27 26 - 33 25 - 27	Latitude (decimal):	47.014722
Total Berthing Space (feet):	1,432 1,432	Longitude (decimal):	-91.67111
Waterway:	Agate Bay	Mile:	PWD: 61
Name:	Duluth, Missabe and Iron Range Railway, Ore Dock No. 2.		
Port:	Lake Superior		
Location:	Agate Bay, approximately 1,300 feet north of West Breakwater, Two Harbors, Minnesota.	Datum:	LWD
Operator:	Duluth, Missabe and Iron Range Railway Co.		
Owner:	Duluth, Missabe and Iron Range Railway Co.		
Address:	Waterfront Drive.	Phone:	218/834-8162
Town:	Two Harbors	State:	MN
		County:	Lake
Railway Connection:	Duluth, Missabe and Iron Range Railway: Two tracks on top of elevated structure join tracks on elevated approach trestle; connect with tracks serving car dumper at rear.		
Purpose:	Shipment of iron ore and iron ore pellets; receipt of fuel oil; bunkering vessels.		
Depth Alongside (feet):	27 26 - 33 25 - 27	Latitude (decimal):	47.014722
Total Berthing Space (feet):	1,432 1,432	Longitude (decimal):	-91.67111
Remarks:	Vessels are loaded at rates of 10,000-long tons per hour by conveyors and 6,000 long tons per hour by gravity chutes. Conveyor system extends to pier from one electric, traveling, rail-mounted stacker, equipped conveyor, serving 2.5-million long ton storage area at rear. Iron ore pellets are received via unit trains in 40-car segments at car dumper served by 54-inch belt conveyor extending to conveyor system serving stackerarea, unloading and stockpiling rates 6,000 tons per hour each. □ Como Oil Co. operates one 8-inch Bunker C and one 6-inch diesel oil pipeline on □ each side of pier. Pipelines extend to 2 storage tanksplant consumption, total capacity 3,864 barrels; and 6 storage tanks for Bunker C for fueling vessels, total capacity 13,180 barrels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnr's Waterway Code: 79297	Detroit District
Remarks:	Vessels are loaded at rates of 10,000-long tons per hour by conveyors and 6,000 long tons per hour by gravity chutes. Conveyor system extends to pier from one electric, traveling, rail-mounted stacker, equipped conveyor, serving 2.5-million long ton storage area at rear. Iron ore pellets are received via unit trains in 40-car segments at car dumper served by 54-inch belt conveyor extending to conveyor system serving stackerarea, unloading and stockpiling rates 6,000 tons per hour each. □ Como Oil Co. operates one 8-inch Bunker C and one 6-inch diesel oil pipeline on □ each side of pier. Pipelines extend to 2 storage tanksplant consumption, total capacity 3,864 barrels; and 6 storage tanks for Bunker C for fueling vessels, total capacity 13,180 barrels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnr's Waterway Code: 79297	Detroit District

Port Facilities by Waterway

Waterway:	Agate Bay	Mile:	PWD: 61
Name:	Duluth, Missabe and Iron Range Railway, Ore Dock No. 2.		
Port:	Lake Superior		
Location:	Agate Bay, approximately 1,300 feet north of West Breakwater, Two Harbors, Minnesota.	Datum:	LWD
Operator:	Duluth, Missabe and Iron Range Railway Co.		
Owner:	Duluth, Missabe and Iron Range Railway Co.		
Address:	Waterfront Drive.	Phone:	218/834-8162
Town:	Two Harbors	State:	MN
		County:	Lake
Railway Connection:	Duluth, Missabe and Iron Range Railway: Two tracks on top of elevated structure join tracks on elevated approach trestle; connect with tracks serving car dumper at rear.		
Purpose:	Shipment of iron ore and iron ore pellets; receipt of fuel oil; bunkering vessels.		
Depth Alongside (feet):	27 26 - 33 25 - 27	Latitude (decimal):	47.014722
Total Berthing Space (feet):	1,432 1,432	Longitude (decimal):	-91.67111
Waterway:	Agate Bay	Mile:	PWD: 61
Name:	Duluth, Missabe and Iron Range Railway, Ore Dock No. 2.		
Port:	Lake Superior		
Location:	Agate Bay, approximately 1,300 feet north of West Breakwater, Two Harbors, Minnesota.	Datum:	LWD
Operator:	Duluth, Missabe and Iron Range Railway Co.		
Owner:	Duluth, Missabe and Iron Range Railway Co.		
Address:	Waterfront Drive.	Phone:	218/834-8162
Town:	Two Harbors	State:	MN
		County:	Lake
Railway Connection:	Duluth, Missabe and Iron Range Railway: Two tracks on top of elevated structure join tracks on elevated approach trestle; connect with tracks serving car dumper at rear.		
Purpose:	Shipment of iron ore and iron ore pellets; receipt of fuel oil; bunkering vessels.		
Depth Alongside (feet):	27 26 - 33 25 - 27	Latitude (decimal):	47.014722
Total Berthing Space (feet):	1,432 1,432	Longitude (decimal):	-91.67111
Remarks:	Vessels are loaded at rates of 10,000-long tons per hour by conveyors and 6,000 long tons per hour by gravity chutes. Conveyor system extends to pier from one electric, traveling, rail-mounted stacker, equipped conveyor, serving 2.5-million long ton storage area at rear. Iron ore pellets are received via unit trains in 40-car segments at car dumper served by 54-inch belt conveyor extending to conveyor system serving stackerarea, unloading and stockpiling rates 6,000 tons per hour each. □ Como Oil Co. operates one 8-inch Bunker C and one 6-inch diesel oil pipeline on □ each side of pier. Pipelines extend to 2 storage tanksplant consumption, total capacity 3,864 barrels; and 6 storage tanks for Bunker C for fueling vessels, total capacity 13,180 barrels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79297	Detroit District
Remarks:	Vessels are loaded at rates of 10,000-long tons per hour by conveyors and 6,000 long tons per hour by gravity chutes. Conveyor system extends to pier from one electric, traveling, rail-mounted stacker, equipped conveyor, serving 2.5-million long ton storage area at rear. Iron ore pellets are received via unit trains in 40-car segments at car dumper served by 54-inch belt conveyor extending to conveyor system serving stackerarea, unloading and stockpiling rates 6,000 tons per hour each. □ Como Oil Co. operates one 8-inch Bunker C and one 6-inch diesel oil pipeline on □ each side of pier. Pipelines extend to 2 storage tanksplant consumption, total capacity 3,864 barrels; and 6 storage tanks for Bunker C for fueling vessels, total capacity 13,180 barrels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79297	Detroit District

Port Facilities by Waterway

Waterway: **Allouez Bay Channel** Mile: PWD: 58
 Name: **Burlington Northern Santa Fe Railroad Co., Superior Ore Dock No. 5**
 Port: Lake Superior
 Location: South side, Allouez Bay Channel, opposite Wisconsin Point. Datum: LWD
 Operator: Burlington Northern Santa Fe Railroad Co.
 Owner: Burlington Northern Santa Fe Railroad Co.
 Address: 3701 East Itasca Street Phone: 715/394-1333
 Town: Superior State: WI County: Douglas
 Railway Connection: BNSF Railroad: One surface track encircling storage area.
 Purpose: Shipment of iron ore pellets.
 Depth Alongside (feet): 27 | 16 | Latitude (decimal): 46.698056
 Total Berthing Space (feet): 1,475 | 1,200 | Longitude (decimal): -92.01861
 Remarks: Iron ore pellets are received via 150-car unit trains unloaded into 3 car dumpers served by two 72-inch belt conveyors, thence to a common 60-inch belt conveyor extending to stacker for storage; capacity 45 cars pellets are reclaimed directly to a hopper on the stacker boom; or to one of two traveling, crawler, boom-conveyors equipped with receiving hopper for loading to stacker or traveling hoppers, by two diesel-electric, bucket wheel reclaimers at a rate of 3,000 to 4,000 long tons per hour. Terminal office is at rail yard located approximately one mile at rear.

Port Series: 49 Year of Last Survey: 1999 Corps of Engrs Waterway Code: 79283 Detroit District

Waterway: **Burnham Canal** Mile: PWD: 29
 Name: **LaFarge Corp., Milwaukee Terminal Wharf.**
 Port: Milwaukee
 Location: Left bank of Burnham Canal, below South 11th Street Crossing. Datum: MLW
 Operator: LaFarge Corp. and Selvic Towing Co.
 Owner: LaFarge Corp., Great Lakes Division.
 Address: 470 South 11th Street. Phone: 414/645-6660
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Receipt of bulk cement; Mooring harbor tugs.
 Depth Alongside (feet): 19 - 21 | | Latitude (decimal): 43.026389
 Total Berthing Space (feet): 400 | | Longitude (decimal): -87.92472
 Remarks: Two 10-inch pipelines extend from face of wharf to 18 cement storage silos, total capacity 18,800 tons. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Charlevoix Harbor (Round Lake)** Mile: PWD: 112
 Name: **Charlevoix City Dock**
 Port: Charlevoix
 Location: Charlevoix, west shore of Round Lake south of entrance from Pine River. Datum: LWD
 Operator: Beaver Island Boat Co. and U.S. Coast Guard.
 Owner: City of Charlevoix
 Address: 102 Bridge Street. Phone: 616/547-2311
 Town: Charlevoix State: MI County: Charlevoix
 Railway Connection: None.
 Purpose: Landing for passenger/vehicle ferry to Beaver Island; Mooring U.S. Coast Guard vessel 'Acacia'.
 Depth Alongside (feet): 20 | | Latitude (decimal): 45.318611
 Total Berthing Space (feet): 325 | | Longitude (decimal): -85.2575
 Remarks: Ferries maintain a regular schedule between Charlevoix and Beaver Island during the period April through December. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77433 Detroit District

Waterway: **Chequamegon Bay** Mile: PWD: 64
 Name: **C. Reiss Coal Co., 11th Avenue East Dock.**
 Port: Lake Superior
 Location: West side of pier, East Basin, Ashland, Wisconsin, at foot of 11th Avenue East, Datum: LWD
 extended.
 Operator: Not operated.
 Owner: The C. Reiss Coal Co.
 Address: Foot of 11th Ave. E. Phone: 715/682-2378
 Town: Ashland State: WI County: Ashland
 Railway Connection: One surface track located at rear of face connects with tracks of CP Railroad, not in service at time of survey (1999).
 Purpose: Not used.
 Depth Alongside (feet): 13 - 22 | | Latitude (decimal): 46.591667
 Total Berthing Space (feet): 1,000 | | Longitude (decimal): -90.87583
 Remarks: Open storage area located at rear has capacity for approximately 200,000 tons of material. At time of survey (1999), bulkhead was in poor condition, and pier was overgrown with vegetation.

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79245 Detroit District

Port Facilities by Waterway

Waterway:	Chequamegon Bay	Mile:	PWD: 63
Name:	C. Reiss Coal Co., 7th Avenue West Dock.		
Port:	Lake Superior		
Location:	West side of pier, West Channel, Ashland, Wisconsin, foot of 7th Avenue West.	Datum:	LWD
Operator:	C. Reiss Coal Co.		
Owner:	C. Reiss Coal Co.		
Address:	Foot of 7th Ave.	Phone:	715/682-2378
Town:	Ashland	State:	WI
		County:	Ashland
Railway Connection:	Two surface tracks along rear of open coal storage area connect with CP Railroad.		
Purpose:	Receipt of limestone and coal by self-unloading vessels.		
Depth Alongside (feet):	16 - 22	Latitude (decimal):	46.591667
Total Berthing Space (feet):	1,000	Longitude (decimal):	-90.89444
Remarks:	Concrete-surfaced, open storage area has capacity for approximately 200,000 tons of material.□		
Port Series:	49	Year of Last Survey:	1999
		Corps of Eng'rs Waterway Code:	79245
			Detroit District

Port Facilities by Waterway

Waterway:	Detroit River	Mile:	PWD: 68
Name:	BASF Wyandotte Corp., North Plant, North End Wharf.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, approximately 0.7 mile below mouth of Ecorse Ri	Datum:	LWD
Operator:	U.S. Army Corps of Engineers and BASF Wyandotte Corp.		
Owner:	BASF Wyandotte Corp.		
Address:	1609 Biddle Avenue	Phone:	313/246-6579
Town:	Wyandotte	State:	MI
		County:	Wayne
Railway Connection:	None.		
Purpose:	Handling navigation aids; landing for company-owned vessel.		
Depth Alongside (feet):	20	Latitude (decimal):	42.223611
Total Berthing Space (feet):	1,550	Longitude (decimal):	-83.14472
Waterway:	Detroit River	Mile:	PWD: 68
Name:	BASF Wyandotte Corp., North Plant, North End Wharf.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, approximately 0.7 mile below mouth of Ecorse Ri	Datum:	LWD
Operator:	U.S. Army Corps of Engineers and BASF Wyandotte Corp.		
Owner:	BASF Wyandotte Corp.		
Address:	1609 Biddle Avenue	Phone:	313/246-6579
Town:	Wyandotte	State:	MI
		County:	Wayne
Railway Connection:	None.		
Purpose:	Handling navigation aids; landing for company-owned vessel.		
Depth Alongside (feet):	20	Latitude (decimal):	42.223611
Total Berthing Space (feet):	1,550	Longitude (decimal):	-83.14472
Remarks:	BASF Wyandotte Corp.: Uses fender structure, located approximately 200 feet from upper end, for landing vessel providing access to Fighting Island. U.S. Army Corps of Engineers: Uses lower 300 feet of wharf for aids.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73010	Detroit District
Remarks:	BASF Wyandotte Corp.: Uses fender structure, located approximately 200 feet from upper end, for landing vessel providing access to Fighting Island. U.S. Army Corps of Engineers: Uses lower 300 feet of wharf for aids.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73010	Detroit District

Port Facilities by Waterway

Waterway:	Detroit River	Mile:	PWD: 68
Name:	BASF Wyandotte Corp., North Plant, North End Wharf.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, approximately 0.7 mile below mouth of Ecorse Ri	Datum:	LWD
Operator:	U.S. Army Corps of Engineers and BASF Wyandotte Corp.		
Owner:	BASF Wyandotte Corp.		
Address:	1609 Biddle Avenue	Phone:	313/246-6579
Town:	Wyandotte	State:	MI
		County:	Wayne
Railway Connection:	None.		
Purpose:	Handling navigation aids; landing for company-owned vessel.		
Depth Alongside (feet):	20	Latitude (decimal):	42.223611
Total Berthing Space (feet):	1,550	Longitude (decimal):	-83.14472
Waterway:	Detroit River	Mile:	PWD: 68
Name:	BASF Wyandotte Corp., North Plant, North End Wharf.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, approximately 0.7 mile below mouth of Ecorse Ri	Datum:	LWD
Operator:	U.S. Army Corps of Engineers and BASF Wyandotte Corp.		
Owner:	BASF Wyandotte Corp.		
Address:	1609 Biddle Avenue	Phone:	313/246-6579
Town:	Wyandotte	State:	MI
		County:	Wayne
Railway Connection:	None.		
Purpose:	Handling navigation aids; landing for company-owned vessel.		
Depth Alongside (feet):	20	Latitude (decimal):	42.223611
Total Berthing Space (feet):	1,550	Longitude (decimal):	-83.14472
Remarks:	BASF Wyandotte Corp.: Uses fender structure, located approximately 200 feet from upper end, for landing vessel providing access to Fighting Island. U.S. Army Corps of Engineers: Uses lower 300 feet of wharf for aids.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73010	Detroit District
Remarks:	BASF Wyandotte Corp.: Uses fender structure, located approximately 200 feet from upper end, for landing vessel providing access to Fighting Island. U.S. Army Corps of Engineers: Uses lower 300 feet of wharf for aids.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73010	Detroit District

Port Facilities by Waterway

Waterway: Detroit River	Mile:	PWD: 69
Name: BASF Wyandotte Corp., North Plant, South Wharf.		
Port: Detroit		
Location: Right bank, Detroit River, west side of Trenton Channel, approximately 1.4 miles below mouth of Ecorse R		Datum: LWD
Operator: U.S. Army Corps of Engineers.		
Owner: BASF Wyandotte Corp.		
Address: 1609 Biddle Avenue		Phone: 313/246-6579
Town: Wyandotte	State: MI	County: Wayne
Railway Connection: None.		
Purpose: Mooring U.S. Army Corps of Engineers floating equipment.		
Depth Alongside (feet): 14		Latitude (decimal): 42.214722
Total Berthing Space (feet): 880		Longitude (decimal): -83.14167

Waterway: Detroit River	Mile:	PWD: 69
Name: BASF Wyandotte Corp., North Plant, South Wharf.		
Port: Detroit		
Location: Right bank, Detroit River, west side of Trenton Channel, approximately 1.4 miles below mouth of Ecorse R		Datum: LWD
Operator: U.S. Army Corps of Engineers.		
Owner: BASF Wyandotte Corp.		
Address: 1609 Biddle Avenue		Phone: 313/246-6579
Town: Wyandotte	State: MI	County: Wayne
Railway Connection: None.		
Purpose: Mooring U.S. Army Corps of Engineers floating equipment.		
Depth Alongside (feet): 14		Latitude (decimal): 42.214722
Total Berthing Space (feet): 880		Longitude (decimal): -83.14167

Remarks: -□□

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73010	Detroit District
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Remarks: -□□

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73010	Detroit District
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Port Facilities by Waterway

Waterway: Detroit River	Mile:	PWD: 69
Name: BASF Wyandotte Corp., North Plant, South Wharf.		
Port: Detroit		
Location: Right bank, Detroit River, west side of Trenton Channel, approximately 1.4 miles below mouth of Ecorse R		Datum: LWD
Operator: U.S. Army Corps of Engineers.		
Owner: BASF Wyandotte Corp.		
Address: 1609 Biddle Avenue		Phone: 313/246-6579
Town: Wyandotte	State: MI	County: Wayne
Railway Connection: None.		
Purpose: Mooring U.S. Army Corps of Engineers floating equipment.		
Depth Alongside (feet): 14		Latitude (decimal): 42.214722
Total Berthing Space (feet): 880		Longitude (decimal): -83.14167

Waterway: Detroit River	Mile:	PWD: 69
Name: BASF Wyandotte Corp., North Plant, South Wharf.		
Port: Detroit		
Location: Right bank, Detroit River, west side of Trenton Channel, approximately 1.4 miles below mouth of Ecorse R		Datum: LWD
Operator: U.S. Army Corps of Engineers.		
Owner: BASF Wyandotte Corp.		
Address: 1609 Biddle Avenue		Phone: 313/246-6579
Town: Wyandotte	State: MI	County: Wayne
Railway Connection: None.		
Purpose: Mooring U.S. Army Corps of Engineers floating equipment.		
Depth Alongside (feet): 14		Latitude (decimal): 42.214722
Total Berthing Space (feet): 880		Longitude (decimal): -83.14167

Remarks: -□□

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73010	Detroit District
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Remarks: -□□

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73010	Detroit District
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Port Facilities by Waterway

Waterway: **Detroit River** Mile: PWD: 71

Name: **City of Wyandotte, Bishop Park Municipal Wharf.**

Port: Detroit

Location: Right bank, Detroit River, west side of Trenton Channel, approximately 2.0 miles below mouth of Ecorse R Datum: LWD

Operator: City of Wyandotte.

Owner: City of Wyandotte.

Address: Van Alstyne Boulevard Phone: 313/246-4454

Town: Wyandotte State: MI County: Wayne

Railway Connection: None.

Purpose: Occasional mooring of vessels on exhibition; occasional landing of passengers from excursion vessels.

Depth Alongside (feet): 18 - 20 | | Latitude (decimal): 42.206389

Total Berthing Space (feet): 450 | | Longitude (decimal): -83.14528

Remarks: Face of wharf is in line and contiguous with City of Wyandotte, Power Plant Wharf (Ref. No. 70). A 400- by 12-foot, steel pile, concrete-decked fishing pier extends from lower side, parallel to face of wharf.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73010 Detroit District

Waterway: **Detroit River** Mile: PWD: 70

Name: **City of Wyandotte, Power Plant Wharf.**

Port: Detroit

Location: Right bank, Detroit River, west side of Trenton Channel, approximately 1.9 miles below mouth of Ecorse R Datum: LWD

Operator: City of Wyandotte, Department of Municipal Service.

Owner: City of Wyandotte.

Address: 2555 Van Alstyne Boulevard Phone: 313/282-7100 ex

Town: Wyandotte State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt of coal by self-unloading vessel for plant consumption.

Depth Alongside (feet): 18 - 23 | | Latitude (decimal): 42.208056

Total Berthing Space (feet): 630 | | Longitude (decimal): -83.14444

Remarks: Open storage area at rear has capacity for approximately 60,000 tons of coal. Two ground-level hoppers in open storage area serve two 30-inch, electric, inclined belt conveyors extending to power plant at rear. line and contiguous with City of Wyandotte, Bishop Park Municipal Wharf (Ref. No. 71).

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73010 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: PWD: 75

Name: **Detroit Edison, Trenton Channel Power Plant Wharf.**

Port: Detroit

Location: Right bank, Detroit River, west side of Trenton Channel, on lower turning basin, approx 500 ft below Gro Datum: LWD

Operator: The Detroit Edison Co.

Owner: The Detroit Edison Co.

Address: 4695 West Jefferson Avenue Phone: 313/692-5236

Town: Trenton State: MI County: Wayne

Railway Connection: Three surface tracks with capacity for 140 cars serve rotary car dumper; connect with Grand Trunk Western Railroad and Consolidated Rail Corp.

Purpose: Occasional receipt of coal by self-unloading vessel for plant consumption.

Depth Alongside (feet): 21 - 23 | | Latitude (decimal): 42.125

Total Berthing Space (feet): 960 | | Longitude (decimal): -83.17806

Remarks: Open storage area at rear has capacity for 732,000 tons of coal. A 60-inch, electric, belt conveyor extends from rotary car dumper to a stacker in open storage area, maximum rate 3,000 tons per hour. Five groun open storage area serve a 42-inch, electric, belt-conveyor system extending to electric power plant in rear, rate 640 tons per hour.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73008 Detroit District

Waterway: **Detroit River** Mile: PWD: 4

Name: **Gregory Boat Co. Pier.**

Port: Detroit

Location: Right bank, Detroit River, inner end of slip, approximately 1.2 miles above Douglas MacArthur Bridge, De Datum: LWD

Operator: Gregory Boat Co., Dryland Division.

Owner: Gregory Boat Co.

Address: 9666 East Jefferson Avenue Phone: 313/823-1900

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Mooring small vessels awaiting haul-out.

Depth Alongside (feet): 8 | 7 - 8 | 7 - 8 Latitude (decimal): 42.357222

Total Berthing Space (feet): | 200 | 300 Longitude (decimal): -82.98167

Remarks: One 200-ton, marine railway is located on upper side. Runways for mobile vertical boat lift are located below inner end. Operator hauls out city-owned vessels for storage in winter, and performs repairs to recr

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway:	Detroit River	Mile:	PWD: 73
Name:	McLouth Steel Products Corp., Ore Dock.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, approx. 0.8 mile south of The Grosse Ile Bridge		Datum: LWD
Operator:	McLouth Steel Products Corp.		
Owner:	McLouth Steel Products Corp.		
Address:	1491 West Jefferson Avenue	Phone:	313/246-4095
Town:	Trenton	State: MI	County: Wayne
Railway Connection:	One elevated track between rear of open storage area and blast furnaces joins additional plant trackage; connects with Grand Trunk Western Railroad and Consolidated Rail Corp.		
Purpose:	Receipt of iron ore, iron ore pellets, and limestone.		
Depth Alongside (feet):	28	Latitude (decimal):	42.159167
Total Berthing Space (feet):	1,600	Longitude (decimal):	-83.16639
Waterway:	Detroit River	Mile:	PWD: 73
Name:	McLouth Steel Products Corp., Ore Dock.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, approx. 0.8 mile south of The Grosse Ile Bridge		Datum: LWD
Operator:	McLouth Steel Products Corp.		
Owner:	McLouth Steel Products Corp.		
Address:	1491 West Jefferson Avenue	Phone:	313/246-4095
Town:	Trenton	State: MI	County: Wayne
Railway Connection:	One elevated track between rear of open storage area and blast furnaces joins additional plant trackage; connects with Grand Trunk Western Railroad and Consolidated Rail Corp.		
Purpose:	Receipt of iron ore, iron ore pellets, and limestone.		
Depth Alongside (feet):	28	Latitude (decimal):	42.159167
Total Berthing Space (feet):	1,600	Longitude (decimal):	-83.16639
Remarks:	Ore Yard No. 1 has storage capacity for 700,000 tons of iron ore and iron ore pellets and 325,000 tons of limestone. The bridge cranes recover material from yard to two traveling straddle hoppers serving belt-co to two blast furnaces at rear. Both the wharf and recovery belt-conveyor systems connect with a reversible system in Ore Yard No. 2, serving an electric, traveling stacker/reclaimer equipped with two booms and two rehoppers. Ore Yard No. 2 has storage capacity for 1,000,000 tons of iron ore pellets.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engns Waterway Code: 73008	Detroit District
Remarks:	Ore Yard No. 1 has storage capacity for 700,000 tons of iron ore and iron ore pellets and 325,000 tons of limestone. The bridge cranes recover material from yard to two traveling straddle hoppers serving belt-co to two blast furnaces at rear. Both the wharf and recovery belt-conveyor systems connect with a reversible system in Ore Yard No. 2, serving an electric, traveling stacker/reclaimer equipped with two booms and two rehoppers. Ore Yard No. 2 has storage capacity for 1,000,000 tons of iron ore pellets.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engns Waterway Code: 73008	Detroit District

Port Facilities by Waterway

Waterway:	Detroit River	Mile:	PWD: 73
Name:	McLouth Steel Products Corp., Ore Dock.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, approx. 0.8 mile south of The Grosse Ile Bridge		Datum: LWD
Operator:	McLouth Steel Products Corp.		
Owner:	McLouth Steel Products Corp.		
Address:	1491 West Jefferson Avenue	Phone:	313/246-4095
Town:	Trenton	State:	MI
		County:	Wayne
Railway Connection:	One elevated track between rear of open storage area and blast furnaces joins additional plant trackage; connects with Grand Trunk Western Railroad and Consolidated Rail Corp.		
Purpose:	Receipt of iron ore, iron ore pellets, and limestone.		
Depth Alongside (feet):	28	Latitude (decimal):	42.159167
Total Berthing Space (feet):	1,600	Longitude (decimal):	-83.16639
Waterway:	Detroit River	Mile:	PWD: 73
Name:	McLouth Steel Products Corp., Ore Dock.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, approx. 0.8 mile south of The Grosse Ile Bridge		Datum: LWD
Operator:	McLouth Steel Products Corp.		
Owner:	McLouth Steel Products Corp.		
Address:	1491 West Jefferson Avenue	Phone:	313/246-4095
Town:	Trenton	State:	MI
		County:	Wayne
Railway Connection:	One elevated track between rear of open storage area and blast furnaces joins additional plant trackage; connects with Grand Trunk Western Railroad and Consolidated Rail Corp.		
Purpose:	Receipt of iron ore, iron ore pellets, and limestone.		
Depth Alongside (feet):	28	Latitude (decimal):	42.159167
Total Berthing Space (feet):	1,600	Longitude (decimal):	-83.16639
Remarks:	Ore Yard No. 1 has storage capacity for 700,000 tons of iron ore and iron ore pellets and 325,000 tons of limestone. The bridge cranes recover material from yard to two traveling straddle hoppers serving belt-co to two blast furnaces at rear. Both the wharf and recovery belt-conveyor systems connect with a reversible system in Ore Yard No. 2, serving an electric, traveling stacker/reclaimer equipped with two booms and two rehoppers. Ore Yard No. 2 has storage capacity for 1,000,000 tons of iron ore pellets.		
Port Series:	45	Year of Last Survey:	1996
		Corps of Engns Waterway Code:	73008
			Detroit District
Remarks:	Ore Yard No. 1 has storage capacity for 700,000 tons of iron ore and iron ore pellets and 325,000 tons of limestone. The bridge cranes recover material from yard to two traveling straddle hoppers serving belt-co to two blast furnaces at rear. Both the wharf and recovery belt-conveyor systems connect with a reversible system in Ore Yard No. 2, serving an electric, traveling stacker/reclaimer equipped with two booms and two rehoppers. Ore Yard No. 2 has storage capacity for 1,000,000 tons of iron ore pellets.		
Port Series:	45	Year of Last Survey:	1996
		Corps of Engns Waterway Code:	73008
			Detroit District

Port Facilities by Waterway

Waterway:	Detroit River	Mile:	PWD: 72
Name:	McLouth Steel Products Corp., Upper Wharf.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, south of The Grosse Ile Bridge Co. highway toll	Datum:	LWD
Operator:	McLouth Steel Products Corp.		
Owner:	McLouth Steel Products Corp.		
Address:	1491 West Jefferson Avenue.	Phone:	313/246-4095
Town:	Riverview	State:	MI
		County:	Wayne
Railway Connection:	Two surface tracks serving open storage area at rear join additional plant trackage; connect with Grand Trunk Western Railroad and Consolidated Rail Corp.		
Purpose:	Occasional handling of construction materials.		
Depth Alongside (feet):	16	Latitude (decimal):	42.1725
Total Berthing Space (feet):	280	Longitude (decimal):	-83.16444
Waterway:	Detroit River	Mile:	PWD: 72
Name:	McLouth Steel Products Corp., Upper Wharf.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, south of The Grosse Ile Bridge Co. highway toll	Datum:	LWD
Operator:	McLouth Steel Products Corp.		
Owner:	McLouth Steel Products Corp.		
Address:	1491 West Jefferson Avenue.	Phone:	313/246-4095
Town:	Riverview	State:	MI
		County:	Wayne
Railway Connection:	Two surface tracks serving open storage area at rear join additional plant trackage; connect with Grand Trunk Western Railroad and Consolidated Rail Corp.		
Purpose:	Occasional handling of construction materials.		
Depth Alongside (feet):	16	Latitude (decimal):	42.1725
Total Berthing Space (feet):	280	Longitude (decimal):	-83.16444
Remarks:	Approximately 24 acres of open storage area is located in rear.□□		
Port Series: 45	Year of Last Survey: 1996	Corps of Engns Waterway Code: 73008	Detroit District
Remarks:	Approximately 24 acres of open storage area is located in rear.□□		
Port Series: 45	Year of Last Survey: 1996	Corps of Engns Waterway Code: 73008	Detroit District

Port Facilities by Waterway

Waterway:	Detroit River	Mile:	PWD: 72
Name:	McLouth Steel Products Corp., Upper Wharf.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, south of The Grosse Ile Bridge Co. highway toll	Datum:	LWD
Operator:	McLouth Steel Products Corp.		
Owner:	McLouth Steel Products Corp.		
Address:	1491 West Jefferson Avenue.	Phone:	313/246-4095
Town:	Riverview	State:	MI
		County:	Wayne
Railway Connection:	Two surface tracks serving open storage area at rear join additional plant trackage; connect with Grand Trunk Western Railroad and Consolidated Rail Corp.		
Purpose:	Occasional handling of construction materials.		
Depth Alongside (feet):	16	Latitude (decimal):	42.1725
Total Berthing Space (feet):	280	Longitude (decimal):	-83.16444
Waterway:	Detroit River	Mile:	PWD: 72
Name:	McLouth Steel Products Corp., Upper Wharf.		
Port:	Detroit		
Location:	Right bank, Detroit River, west side of Trenton Channel, south of The Grosse Ile Bridge Co. highway toll	Datum:	LWD
Operator:	McLouth Steel Products Corp.		
Owner:	McLouth Steel Products Corp.		
Address:	1491 West Jefferson Avenue.	Phone:	313/246-4095
Town:	Riverview	State:	MI
		County:	Wayne
Railway Connection:	Two surface tracks serving open storage area at rear join additional plant trackage; connect with Grand Trunk Western Railroad and Consolidated Rail Corp.		
Purpose:	Occasional handling of construction materials.		
Depth Alongside (feet):	16	Latitude (decimal):	42.1725
Total Berthing Space (feet):	280	Longitude (decimal):	-83.16444
Remarks:	Approximately 24 acres of open storage area is located in rear.□□		
Port Series:	45	Year of Last Survey:	1996
Corps of Engnr's Waterway Code:	73008	Detroit District	
Remarks:	Approximately 24 acres of open storage area is located in rear.□□		
Port Series:	45	Year of Last Survey:	1996
Corps of Engnr's Waterway Code:	73008	Detroit District	

Port Facilities by Waterway

Waterway: **Detroit River** Mile: PWD: 74

Name: **Mobil Oil Corp., Trenton Wharf.**

Port: Detroit

Location: Right bank, Detroit River, west side of Trenton Channel, approximately 0.7 mile above Grosse Ile Parkway Datum: LWD

Operator: Mobil Oil Corp.

Owner: Mobil Oil Corp.

Address: 3303 Riverside Drive Phone: 313/582-6230

Town: Trenton State: MI County: Wayne

Railway Connection: None.

Purpose: Occasional receipt and shipment of fuel oil and gasoline.

Depth Alongside (feet): 17 | | Latitude (decimal): 42.1375

Total Berthing Space (feet): 225 | | Longitude (decimal): -83.17583

Remarks: Two 10-inch pipelines extend to wharf from 16 steel storage tanks, total capacity 1,365,000 barrels, located approximately 3 miles inland at operator's Woodhaven Terminal and tank farm, at 20089 West Road. One 3 air line serves wharf.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnr's Waterway Code: 73008 Detroit District

Waterway: **Detroit River** Mile: 18.0 PWD: 67

Name: **Nicholson Terminal and Dock Co., Ecorse Pier.**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.3 miles below mouth of Short Cut Canal, between Slips Nos. 1 Datum: LWD

Operator: Nicholson Terminal and Dock Co.

Owner: Nicholson Terminal and Dock Co.

Address: Foot of East Great Lakes Avenue. Phone: 313/842-4300

Town: Ecorse State: MI County: Wayne

Railway Connection: Surface tracks along face and sides of pier and in open storage areas in center of pier; connect with Grand Trunk Western Railroad and Consolidated Rail Corp.

Purpose: Receipt and shipment of conventional and containerized general cargo, steel, coal, scrap metal, and tallow in foreign and domestic trade; mooring vessels for repair; mooring floating drydock.

Depth Alongside (feet): 36 | 25 - 28 | 8 - 16 Latitude (decimal): 42.256389

Total Berthing Space (feet): 486 | 1,820 | 1,230 Longitude (decimal): -83.12

Remarks: One 2,500-ton floating drydock is moored at inner end of upper side, and repair shops are located at rear. Pier is equipped with compressed air, gas, water, and electric lines for ship repair work. Slip No. 2, approximately 200 feet wide. A fourth, 11,700-square-foot transit shed, Shed No. 5, has the same construction and clear storage height as Shed No. 7, and three 20-by 30-foot doors, one shipside and one on each end. acres of open storage area is located on pier. N.T.D. Storage and Distribution Centre Ltd. (S.W. Ref. No. 8) is located at the inner end of Slip No. 1.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnr's Waterway Code: 73011 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 18.1 PWD: 65

Name: **Detroit Bulk Storage, Detroit River Pier.**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.1 miles below mouth of Short Cut Canal, Datum: LWD
on upper side of Slip

Operator: Detroit Bulk Storage.

Owner: National Steel Corp., Great Lakes Division.

Address: Foot of East Great Lakes Avenue. Phone: 313/841-7470

Town: Ecorse State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt of miscellaneous dry bulk commodities by self-unloading vessel, including limestone and salt;
mooring miscellaneous vessels.

Depth Alongside (feet): 22 - 23 | | 15 - 18 Latitude (decimal): 42.258889

Total Berthing Space (feet): 730 | | 1,360 Longitude (decimal): -83.11861

Remarks: At time of survey (1993), use of upper side was blocked by derelict vessels. Lower side of pier forms
Slip No. 1, approximately 350 feet wide, with Nicholson Terminal and Dock Co., Ecorse Pier (Ref. No.
67). Ap acres of open storage area is located at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73011 Detroit District

Waterway: **Detroit River** Mile: 18.1 PWD: 66

Name: **Usher Oil Co., Riverfront Terminal Wharf.**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.2 miles below mouth of Short Cut Canal, Datum: LWD
inner portion of uppe

Operator: Usher Oil Co.

Owner: National Steel Corp., Great Lakes Division.

Address: 201 East Great Lakes Avenue Phone: 313/842-6404

Town: Ecorse State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt and shipment of petroleum products; loading tank barges for bunkering vessels at berth in
harbor.

Depth Alongside (feet): 24 | | Latitude (decimal): 42.260833

Total Berthing Space (feet): 300 | | Longitude (decimal): -83.12583

Remarks: One 8-inch pipeline extends from wharf to one 12- and one 6-inch pipelines extending to 11 steel
storage tanks located in rear, total capacity 835,000 barrels.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73011 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 18.2 PWD: 64
Name: **Great Lakes Towing Co., Detroit River Wharf.**
Port: Detroit
Location: Right bank, Detroit River, inner portion of upper side of slip, approximately 1.0 mile below mouth of Sh Datum: LWD
Operator: Great Lakes Towing Co.
Owner: National Steel Corp., Great Lakes Division.
Address: Foot of East Great Lakes Avenue. Phone: 313/297-2648
Town: River Rouge State: MI County: Wayne
Railway Connection: None.
Purpose: Mooring company-owned tugboats.
Depth Alongside (feet): 19 | | Latitude (decimal): 42.260833
Total Berthing Space (feet): 300 | | Longitude (decimal): -83.11972
Remarks: Slip is 800 feet long by 145 feet wide.□□
Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73011 Detroit District

Port Facilities by Waterway

Waterway:	Detroit River			Mile: 19.6	PWD: 36
Name:	National Steel Corp., Great Lakes Division, Zug Island Stone Dock.				
Port:	Detroit				
Location:	Right bank, Detroit River, approximately 800 feet above mouth of Short Cut Canal, Zug Island, River Roug			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road			Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Delray Connecting Railroad.				
Purpose:	Receipt of limestone and iron ore pellets by self-unloading vessel.				
Depth Alongside (feet):	27			Latitude (decimal):	42.278333
Total Berthing Space (feet):	1,000			Longitude (decimal):	-83.10833
Waterway:	Detroit River			Mile: 19.6	PWD: 36
Name:	National Steel Corp., Great Lakes Division, Zug Island Stone Dock.				
Port:	Detroit				
Location:	Right bank, Detroit River, approximately 800 feet above mouth of Short Cut Canal, Zug Island, River Roug			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road			Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Delray Connecting Railroad.				
Purpose:	Receipt of limestone and iron ore pellets by self-unloading vessel.				
Depth Alongside (feet):	27			Latitude (decimal):	42.278333
Total Berthing Space (feet):	1,000			Longitude (decimal):	-83.10833
Waterway:	Detroit River			Mile: 19.6	PWD: 36
Name:	National Steel Corp., Great Lakes Division, Zug Island Stone Dock.				
Port:	Detroit				
Location:	Right bank, Detroit River, approximately 800 feet above mouth of Short Cut Canal, Zug Island, River Roug			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road			Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Delray Connecting Railroad.				
Purpose:	Receipt of limestone and iron ore pellets by self-unloading vessel.				
Depth Alongside (feet):	27			Latitude (decimal):	42.278333
Total Berthing Space (feet):	1,000			Longitude (decimal):	-83.10833
Remarks:	Face of dock is in line and contiguous with Ore Dock No. 3 Wharf (Ref. No. 35), providing continuous berthing space. Open storage areas in rear have capacity for 520,000 tons of limestone and 500,000 tons of iro				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73013			Detroit District
<hr/>					
Remarks:	Face of dock is in line and contiguous with Ore Dock No. 3 Wharf (Ref. No. 35), providing continuous berthing space. Open storage areas in rear have capacity for 520,000 tons of limestone and 500,000 tons of iro				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73013			Detroit District

Port Facilities by Waterway

Remarks: Face of dock is in line and contiguous with Ore Dock No. 3 Wharf (Ref. No. 35), providing continuous berthing space. Open storage areas in rear have capacity for 520,000 tons of limestone and 500,000 tons of iron ore.

Port Series: 45 Year of Last Survey: 1996 Corps of Engineers Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway:	Detroit River			Mile: 19.6	PWD: 36
Name:	National Steel Corp., Great Lakes Division, Zug Island Stone Dock.				
Port:	Detroit				
Location:	Right bank, Detroit River, approximately 800 feet above mouth of Short Cut Canal, Zug Island, River Roug			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road			Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Delray Connecting Railroad.				
Purpose:	Receipt of limestone and iron ore pellets by self-unloading vessel.				
Depth Alongside (feet):	27			Latitude (decimal):	42.278333
Total Berthing Space (feet):	1,000			Longitude (decimal):	-83.10833
Waterway:	Detroit River			Mile: 19.6	PWD: 36
Name:	National Steel Corp., Great Lakes Division, Zug Island Stone Dock.				
Port:	Detroit				
Location:	Right bank, Detroit River, approximately 800 feet above mouth of Short Cut Canal, Zug Island, River Roug			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road			Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Delray Connecting Railroad.				
Purpose:	Receipt of limestone and iron ore pellets by self-unloading vessel.				
Depth Alongside (feet):	27			Latitude (decimal):	42.278333
Total Berthing Space (feet):	1,000			Longitude (decimal):	-83.10833
Waterway:	Detroit River			Mile: 19.6	PWD: 36
Name:	National Steel Corp., Great Lakes Division, Zug Island Stone Dock.				
Port:	Detroit				
Location:	Right bank, Detroit River, approximately 800 feet above mouth of Short Cut Canal, Zug Island, River Roug			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road			Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Delray Connecting Railroad.				
Purpose:	Receipt of limestone and iron ore pellets by self-unloading vessel.				
Depth Alongside (feet):	27			Latitude (decimal):	42.278333
Total Berthing Space (feet):	1,000			Longitude (decimal):	-83.10833
Remarks:	Face of dock is in line and contiguous with Ore Dock No. 3 Wharf (Ref. No. 35), providing continuous berthing space. Open storage areas in rear have capacity for 520,000 tons of limestone and 500,000 tons of iro				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73013			Detroit District
<hr/>					
Remarks:	Face of dock is in line and contiguous with Ore Dock No. 3 Wharf (Ref. No. 35), providing continuous berthing space. Open storage areas in rear have capacity for 520,000 tons of limestone and 500,000 tons of iro				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73013			Detroit District

Port Facilities by Waterway

Remarks: Face of dock is in line and contiguous with Ore Dock No. 3 Wharf (Ref. No. 35), providing continuous berthing space. Open storage areas in rear have capacity for 520,000 tons of limestone and 500,000 tons of iron ore.

Port Series: 45 Year of Last Survey: 1996 Corps of Engineers Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway:	Detroit River			Mile: 19.6	PWD: 36
Name:	National Steel Corp., Great Lakes Division, Zug Island Stone Dock.				
Port:	Detroit				
Location:	Right bank, Detroit River, approximately 800 feet above mouth of Short Cut Canal, Zug Island, River Roug			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Delray Connecting Railroad.				
Purpose:	Receipt of limestone and iron ore pellets by self-unloading vessel.				
Depth Alongside (feet):	27		Latitude (decimal):	42.278333	
Total Berthing Space (feet):	1,000		Longitude (decimal):	-83.10833	
Waterway:	Detroit River			Mile: 19.6	PWD: 36
Name:	National Steel Corp., Great Lakes Division, Zug Island Stone Dock.				
Port:	Detroit				
Location:	Right bank, Detroit River, approximately 800 feet above mouth of Short Cut Canal, Zug Island, River Roug			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Delray Connecting Railroad.				
Purpose:	Receipt of limestone and iron ore pellets by self-unloading vessel.				
Depth Alongside (feet):	27		Latitude (decimal):	42.278333	
Total Berthing Space (feet):	1,000		Longitude (decimal):	-83.10833	
Waterway:	Detroit River			Mile: 19.6	PWD: 36
Name:	National Steel Corp., Great Lakes Division, Zug Island Stone Dock.				
Port:	Detroit				
Location:	Right bank, Detroit River, approximately 800 feet above mouth of Short Cut Canal, Zug Island, River Roug			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Delray Connecting Railroad.				
Purpose:	Receipt of limestone and iron ore pellets by self-unloading vessel.				
Depth Alongside (feet):	27		Latitude (decimal):	42.278333	
Total Berthing Space (feet):	1,000		Longitude (decimal):	-83.10833	
Remarks:	Face of dock is in line and contiguous with Ore Dock No. 3 Wharf (Ref. No. 35), providing continuous berthing space. Open storage areas in rear have capacity for 520,000 tons of limestone and 500,000 tons of iro				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73013	Detroit District		
Remarks:	Face of dock is in line and contiguous with Ore Dock No. 3 Wharf (Ref. No. 35), providing continuous berthing space. Open storage areas in rear have capacity for 520,000 tons of limestone and 500,000 tons of iro				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73013	Detroit District		

Port Facilities by Waterway

Remarks: Face of dock is in line and contiguous with Ore Dock No. 3 Wharf (Ref. No. 35), providing continuous berthing space. Open storage areas in rear have capacity for 520,000 tons of limestone and 500,000 tons of iron ore.

Port Series: 45 Year of Last Survey: 1996 Corps of Engineers Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: Detroit River	Mile: 19.8 PWD: 35
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No	
Port: Detroit	
Location: Right bank, Detroit River, approximately 1,300 feet above mouth of Short Cut Canal, Datum: LWD Zug Island, River Ro	
Operator: National Steel Corp., Great Lakes Division.	
Owner: National Steel Corp., Great Lakes Division.	
Address: Zug Island Road	Phone: 313/297-3426
Town: River Rouge	State: MI County: Wayne
Railway Connection: One surface track extends full length of wharf under bridge cranes and joins with plant trackage in rear; connects with Delray Connecting Railroad.	
Purpose: Receipt of iron ore pellets by self-unloading vessel.	
Depth Alongside (feet): 27	Latitude (decimal): 42.280556
Total Berthing Space (feet): 1,349	Longitude (decimal): -83.10694
Waterway: Detroit River	Mile: 19.8 PWD: 35
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No	
Port: Detroit	
Location: Right bank, Detroit River, approximately 1,300 feet above mouth of Short Cut Canal, Datum: LWD Zug Island, River Ro	
Operator: National Steel Corp., Great Lakes Division.	
Owner: National Steel Corp., Great Lakes Division.	
Address: Zug Island Road	Phone: 313/297-3426
Town: River Rouge	State: MI County: Wayne
Railway Connection: One surface track extends full length of wharf under bridge cranes and joins with plant trackage in rear; connects with Delray Connecting Railroad.	
Purpose: Receipt of iron ore pellets by self-unloading vessel.	
Depth Alongside (feet): 27	Latitude (decimal): 42.280556
Total Berthing Space (feet): 1,349	Longitude (decimal): -83.10694
Waterway: Detroit River	Mile: 19.8 PWD: 35
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No	
Port: Detroit	
Location: Right bank, Detroit River, approximately 1,300 feet above mouth of Short Cut Canal, Datum: LWD Zug Island, River Ro	
Operator: National Steel Corp., Great Lakes Division.	
Owner: National Steel Corp., Great Lakes Division.	
Address: Zug Island Road	Phone: 313/297-3426
Town: River Rouge	State: MI County: Wayne
Railway Connection: One surface track extends full length of wharf under bridge cranes and joins with plant trackage in rear; connects with Delray Connecting Railroad.	
Purpose: Receipt of iron ore pellets by self-unloading vessel.	
Depth Alongside (feet): 27	Latitude (decimal): 42.280556
Total Berthing Space (feet): 1,349	Longitude (decimal): -83.10694
Remarks: The timber-pile-supported, concrete-surfaced storage area along the rear of the wharf has capacity for approximately 800,000 tons of iron ore pellets. A 48-inch belt conveyor along the face of the wharf is serve straddle hoppers and extends to the iron ore pellet storage area described under Stone Dock (Ref. No. 36). The bridge cranes recover ore from storage and load into two 60-ton, bottom dump, electric, ore transfer carsrail trestle at rear of storage area; the cars are then moved to a plant in rear. Face of wharf is in line and contiguous with Dock No. 1 (Ref. No. 34) and Stone Dock.	
Port Series: 45	Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Remarks: The timber-pile-supported, concrete-surfaced storage area along the rear of the wharf has capacity for approximately 800,000 tons of iron ore pellets. A 48-inch belt conveyor along the face of the wharf is serve straddle hoppers and extends to the iron ore pellet storage area described under Stone Dock (Ref. No. 36). The bridge cranes recover ore from storage and load into two 60-ton, bottom dump, electric, ore transfer carsrail trestle at rear of storage area; the cars are then moved to a plant in rear. Face of wharf is in line and contiguous with Dock No. 1 (Ref. No. 34) and Stone Dock.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Remarks: The timber-pile-supported, concrete-surfaced storage area along the rear of the wharf has capacity for approximately 800,000 tons of iron ore pellets. A 48-inch belt conveyor along the face of the wharf is serve straddle hoppers and extends to the iron ore pellet storage area described under Stone Dock (Ref. No. 36). The bridge cranes recover ore from storage and load into two 60-ton, bottom dump, electric, ore transfer carsrail trestle at rear of storage area; the cars are then moved to a plant in rear. Face of wharf is in line and contiguous with Dock No. 1 (Ref. No. 34) and Stone Dock.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 19.8 PWD: 35

Name: **National Steel Corp., Great Lakes Division, Zug Island Ore Dock No**

Port: Detroit

Location: Right bank, Detroit River, approximately 1,300 feet above mouth of Short Cut Canal, Datum: LWD
Zug Island, River Ro

Operator: National Steel Corp., Great Lakes Division.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: One surface track extends full length of wharf under bridge cranes and joins with plant
trackage in rear; connects with Delray Connecting Railroad.

Purpose: Receipt of iron ore pellets by self-unloading vessel.

Depth Alongside (feet): 27 | | Latitude (decimal): 42.280556

Total Berthing Space (feet): 1,349 | | Longitude (decimal): -83.10694

Waterway: **Detroit River** Mile: 19.8 PWD: 35

Name: **National Steel Corp., Great Lakes Division, Zug Island Ore Dock No**

Port: Detroit

Location: Right bank, Detroit River, approximately 1,300 feet above mouth of Short Cut Canal, Datum: LWD
Zug Island, River Ro

Operator: National Steel Corp., Great Lakes Division.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: One surface track extends full length of wharf under bridge cranes and joins with plant
trackage in rear; connects with Delray Connecting Railroad.

Purpose: Receipt of iron ore pellets by self-unloading vessel.

Depth Alongside (feet): 27 | | Latitude (decimal): 42.280556

Total Berthing Space (feet): 1,349 | | Longitude (decimal): -83.10694

Waterway: **Detroit River** Mile: 19.8 PWD: 35

Name: **National Steel Corp., Great Lakes Division, Zug Island Ore Dock No**

Port: Detroit

Location: Right bank, Detroit River, approximately 1,300 feet above mouth of Short Cut Canal, Datum: LWD
Zug Island, River Ro

Operator: National Steel Corp., Great Lakes Division.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: One surface track extends full length of wharf under bridge cranes and joins with plant
trackage in rear; connects with Delray Connecting Railroad.

Purpose: Receipt of iron ore pellets by self-unloading vessel.

Depth Alongside (feet): 27 | | Latitude (decimal): 42.280556

Total Berthing Space (feet): 1,349 | | Longitude (decimal): -83.10694

Remarks: The timber-pile-supported, concrete-surfaced storage area along the rear of the wharf has capacity for
approximately 800,000 tons of iron ore pellets. A 48-inch belt conveyor along the face of the wharf is
serve straddle hoppers and extends to the iron ore pellet storage area described under Stone Dock
(Ref. No. 36). The bridge cranes recover ore from storage and load into two 60-ton, bottom dump,
electric, ore transfer carsrail trestle at rear of storage area; the cars are then moved to a plant in rear.
Face of wharf is in line and contiguous with Dock No. 1 (Ref. No. 34) and Stone Dock.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Remarks: The timber-pile-supported, concrete-surfaced storage area along the rear of the wharf has capacity for approximately 800,000 tons of iron ore pellets. A 48-inch belt conveyor along the face of the wharf is serve straddle hoppers and extends to the iron ore pellet storage area described under Stone Dock (Ref. No. 36). The bridge cranes recover ore from storage and load into two 60-ton, bottom dump, electric, ore transfer carsrail trestle at rear of storage area; the cars are then moved to a plant in rear. Face of wharf is in line and contiguous with Dock No. 1 (Ref. No. 34) and Stone Dock.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Remarks: The timber-pile-supported, concrete-surfaced storage area along the rear of the wharf has capacity for approximately 800,000 tons of iron ore pellets. A 48-inch belt conveyor along the face of the wharf is serve straddle hoppers and extends to the iron ore pellet storage area described under Stone Dock (Ref. No. 36). The bridge cranes recover ore from storage and load into two 60-ton, bottom dump, electric, ore transfer carsrail trestle at rear of storage area; the cars are then moved to a plant in rear. Face of wharf is in line and contiguous with Dock No. 1 (Ref. No. 34) and Stone Dock.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: Detroit River	Mile: 19.8 PWD: 35
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No	
Port: Detroit	
Location: Right bank, Detroit River, approximately 1,300 feet above mouth of Short Cut Canal, Datum: LWD Zug Island, River Ro	
Operator: National Steel Corp., Great Lakes Division.	
Owner: National Steel Corp., Great Lakes Division.	
Address: Zug Island Road	Phone: 313/297-3426
Town: River Rouge	State: MI County: Wayne
Railway Connection: One surface track extends full length of wharf under bridge cranes and joins with plant trackage in rear; connects with Delray Connecting Railroad.	
Purpose: Receipt of iron ore pellets by self-unloading vessel.	
Depth Alongside (feet): 27	Latitude (decimal): 42.280556
Total Berthing Space (feet): 1,349	Longitude (decimal): -83.10694
Waterway: Detroit River	Mile: 19.8 PWD: 35
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No	
Port: Detroit	
Location: Right bank, Detroit River, approximately 1,300 feet above mouth of Short Cut Canal, Datum: LWD Zug Island, River Ro	
Operator: National Steel Corp., Great Lakes Division.	
Owner: National Steel Corp., Great Lakes Division.	
Address: Zug Island Road	Phone: 313/297-3426
Town: River Rouge	State: MI County: Wayne
Railway Connection: One surface track extends full length of wharf under bridge cranes and joins with plant trackage in rear; connects with Delray Connecting Railroad.	
Purpose: Receipt of iron ore pellets by self-unloading vessel.	
Depth Alongside (feet): 27	Latitude (decimal): 42.280556
Total Berthing Space (feet): 1,349	Longitude (decimal): -83.10694
Waterway: Detroit River	Mile: 19.8 PWD: 35
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Port: Detroit	
Location: Right bank, Detroit River, approximately 1,300 feet above mouth of Short Cut Canal, Datum: LWD Zug Island, River Ro	
Operator: National Steel Corp., Great Lakes Division.	
Owner: National Steel Corp., Great Lakes Division.	
Address: Zug Island Road	Phone: 313/297-3426
Town: River Rouge	State: MI County: Wayne
Railway Connection: One surface track extends full length of wharf under bridge cranes and joins with plant trackage in rear; connects with Delray Connecting Railroad.	
Purpose: Receipt of iron ore pellets by self-unloading vessel.	
Depth Alongside (feet): 27	Latitude (decimal): 42.280556
Total Berthing Space (feet): 1,349	Longitude (decimal): -83.10694
Remarks: The timber-pile-supported, concrete-surfaced storage area along the rear of the wharf has capacity for approximately 800,000 tons of iron ore pellets. A 48-inch belt conveyor along the face of the wharf is serve straddle hoppers and extends to the iron ore pellet storage area described under Stone Dock (Ref. No. 36). The bridge cranes recover ore from storage and load into two 60-ton, bottom dump, electric, ore transfer carsrail trestle at rear of storage area; the cars are then moved to a plant in rear. Face of wharf is in line and contiguous with Dock No. 1 (Ref. No. 34) and Stone Dock.	
Port Series: 45	Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Remarks: The timber-pile-supported, concrete-surfaced storage area along the rear of the wharf has capacity for approximately 800,000 tons of iron ore pellets. A 48-inch belt conveyor along the face of the wharf is serve straddle hoppers and extends to the iron ore pellet storage area described under Stone Dock (Ref. No. 36). The bridge cranes recover ore from storage and load into two 60-ton, bottom dump, electric, ore transfer carsrail trestle at rear of storage area; the cars are then moved to a plant in rear. Face of wharf is in line and contiguous with Dock No. 1 (Ref. No. 34) and Stone Dock.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Remarks: The timber-pile-supported, concrete-surfaced storage area along the rear of the wharf has capacity for approximately 800,000 tons of iron ore pellets. A 48-inch belt conveyor along the face of the wharf is serve straddle hoppers and extends to the iron ore pellet storage area described under Stone Dock (Ref. No. 36). The bridge cranes recover ore from storage and load into two 60-ton, bottom dump, electric, ore transfer carsrail trestle at rear of storage area; the cars are then moved to a plant in rear. Face of wharf is in line and contiguous with Dock No. 1 (Ref. No. 34) and Stone Dock.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 20.1 PWD: 34

Name: **National Steel Corp., Great Lakes Division, Zug Island Docks Nos.**

Port: Detroit

Location: Right bank, Detroit River, below mouth of Old Channel, Rouge River, Zug Island, Datum: LWD
River Rouge.

Operator: National Steel Corp., Great Lakes Division, and Hickman, Williams & Co.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: Plant trackage at rear; connects with Delray Connecting Railroad.

Purpose: Shipment of coal tar by barge; shipment of coke, coke breeze, mill scale, and iron ore pellet fines.

Depth Alongside (feet): 25 - 27 | | Latitude (decimal): 42.284722

Total Berthing Space (feet): 2,100 | | Longitude (decimal): -83.10472

Waterway: **Detroit River** Mile: 20.1 PWD: 34

Name: **National Steel Corp., Great Lakes Division, Zug Island Docks Nos.**

Port: Detroit

Location: Right bank, Detroit River, below mouth of Old Channel, Rouge River, Zug Island, Datum: LWD
River Rouge.

Operator: National Steel Corp., Great Lakes Division, and Hickman, Williams & Co.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: Plant trackage at rear; connects with Delray Connecting Railroad.

Purpose: Shipment of coal tar by barge; shipment of coke, coke breeze, mill scale, and iron ore pellet fines.

Depth Alongside (feet): 25 - 27 | | Latitude (decimal): 42.284722

Total Berthing Space (feet): 2,100 | | Longitude (decimal): -83.10472

Waterway: **Detroit River** Mile: 20.1 PWD: 34

Name: **National Steel Corp., Great Lakes Division, Zug Island Docks Nos.**

Port: Detroit

Location: Right bank, Detroit River, below mouth of Old Channel, Rouge River, Zug Island, Datum: LWD
River Rouge.

Operator: National Steel Corp., Great Lakes Division, and Hickman, Williams & Co.

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Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: Plant trackage at rear; connects with Delray Connecting Railroad.

Purpose: Shipment of coal tar by barge; shipment of coke, coke breeze, mill scale, and iron ore pellet fines.

Depth Alongside (feet): 25 - 27 | | Latitude (decimal): 42.284722

Total Berthing Space (feet): 2,100 | | Longitude (decimal): -83.10472

Remarks: National Steel Corp.: Ships coal tar through one 8-inch pipeline extending to lower portion of Dock No. 1 from four steel storage tanks in plant at rear; total capacity 2,000,000 gallons. Hickman, Williams & Co. materials over Detroit River face of Ore Dock No. 1, operating from end of storage area described under Rouge River Wharf (Ref. No. 33). Upper 210 feet of wharf is Detroit River face of Ore Dock No. 1, remainder is DFace of wharf is in line and contiguous with Ore Dock No. 3 (Ref. No. 35).

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Remarks: National Steel Corp.: Ships coal tar through one 8-inch pipeline extending to lower portion of Dock No. 1 from four steel storage tanks in plant at rear; total capacity 2,000,000 gallons. Hickman, Williams & Co. materials over Detroit River face of Ore Dock No. 1, operating from end of storage area described under Rouge River Wharf (Ref. No. 33). Upper 210 feet of wharf is Detroit River face of Ore Dock No. 1, remainder is DFace of wharf is in line and contiguous with Ore Dock No. 3 (Ref. No. 35).

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

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Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 20.1 PWD: 34

Name: **National Steel Corp., Great Lakes Division, Zug Island Docks Nos.**

Port: Detroit

Location: Right bank, Detroit River, below mouth of Old Channel, Rouge River, Zug Island, Datum: LWD
River Rouge.

Operator: National Steel Corp., Great Lakes Division, and Hickman, Williams & Co.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: Plant trackage at rear; connects with Delray Connecting Railroad.

Purpose: Shipment of coal tar by barge; shipment of coke, coke breeze, mill scale, and iron ore pellet fines.

Depth Alongside (feet): 25 - 27 | | Latitude (decimal): 42.284722

Total Berthing Space (feet): 2,100 | | Longitude (decimal): -83.10472

Waterway: **Detroit River** Mile: 20.1 PWD: 34

Name: **National Steel Corp., Great Lakes Division, Zug Island Docks Nos.**

Port: Detroit

Location: Right bank, Detroit River, below mouth of Old Channel, Rouge River, Zug Island, Datum: LWD
River Rouge.

Operator: National Steel Corp., Great Lakes Division, and Hickman, Williams & Co.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: Plant trackage at rear; connects with Delray Connecting Railroad.

Purpose: Shipment of coal tar by barge; shipment of coke, coke breeze, mill scale, and iron ore pellet fines.

Depth Alongside (feet): 25 - 27 | | Latitude (decimal): 42.284722

Total Berthing Space (feet): 2,100 | | Longitude (decimal): -83.10472

Waterway: **Detroit River** Mile: 20.1 PWD: 34

Name: **National Steel Corp., Great Lakes Division, Zug Island Docks Nos.**

Port: Detroit

Location: Right bank, Detroit River, below mouth of Old Channel, Rouge River, Zug Island, Datum: LWD
River Rouge.

Operator: National Steel Corp., Great Lakes Division, and Hickman, Williams & Co.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: Plant trackage at rear; connects with Delray Connecting Railroad.

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Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Remarks: National Steel Corp.: Ships coal tar through one 8-inch pipeline extending to lower portion of Dock No. 1 from four steel storage tanks in plant at rear; total capacity 2,000,000 gallons. Hickman, Williams & Co. materials over Detroit River face of Ore Dock No. 1, operating from end of storage area described under Rouge River Wharf (Ref. No. 33). Upper 210 feet of wharf is Detroit River face of Ore Dock No. 1, remainder is DFace of wharf is in line and contiguous with Ore Dock No. 3 (Ref. No. 35).

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Remarks: National Steel Corp.: Ships coal tar through one 8-inch pipeline extending to lower portion of Dock No. 1 from four steel storage tanks in plant at rear; total capacity 2,000,000 gallons. Hickman, Williams & Co. materials over Detroit River face of Ore Dock No. 1, operating from end of storage area described under Rouge River Wharf (Ref. No. 33). Upper 210 feet of wharf is Detroit River face of Ore Dock No. 1, remainder is DFace of wharf is in line and contiguous with Ore Dock No. 3 (Ref. No. 35).

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 20.1 PWD: 34

Name: **National Steel Corp., Great Lakes Division, Zug Island Docks Nos.**

Port: Detroit

Location: Right bank, Detroit River, below mouth of Old Channel, Rouge River, Zug Island, Datum: LWD
River Rouge.

Operator: National Steel Corp., Great Lakes Division, and Hickman, Williams & Co.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: Plant trackage at rear; connects with Delray Connecting Railroad.

Purpose: Shipment of coal tar by barge; shipment of coke, coke breeze, mill scale, and iron ore pellet fines.

Depth Alongside (feet): 25 - 27 | | Latitude (decimal): 42.284722

Total Berthing Space (feet): 2,100 | | Longitude (decimal): -83.10472

Waterway: **Detroit River** Mile: 20.1 PWD: 34

Name: **National Steel Corp., Great Lakes Division, Zug Island Docks Nos.**

Port: Detroit

Location: Right bank, Detroit River, below mouth of Old Channel, Rouge River, Zug Island, Datum: LWD
River Rouge.

Operator: National Steel Corp., Great Lakes Division, and Hickman, Williams & Co.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: Plant trackage at rear; connects with Delray Connecting Railroad.

Purpose: Shipment of coal tar by barge; shipment of coke, coke breeze, mill scale, and iron ore pellet fines.

Depth Alongside (feet): 25 - 27 | | Latitude (decimal): 42.284722

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Waterway: **Detroit River** Mile: 20.1 PWD: 34

Name: **National Steel Corp., Great Lakes Division, Zug Island Docks Nos.**

Port: Detroit

Location: Right bank, Detroit River, below mouth of Old Channel, Rouge River, Zug Island, Datum: LWD
River Rouge.

Operator: National Steel Corp., Great Lakes Division, and Hickman, Williams & Co.

Owner: National Steel Corp., Great Lakes Division.

Address: Zug Island Road Phone: 313/297-3426

Town: River Rouge State: MI County: Wayne

Railway Connection: Plant trackage at rear; connects with Delray Connecting Railroad.

Purpose: Shipment of coal tar by barge; shipment of coke, coke breeze, mill scale, and iron ore pellet fines.

Depth Alongside (feet): 25 - 27 | | Latitude (decimal): 42.284722

Total Berthing Space (feet): 2,100 | | Longitude (decimal): -83.10472

Remarks: National Steel Corp.: Ships coal tar through one 8-inch pipeline extending to lower portion of Dock No. 1 from four steel storage tanks in plant at rear; total capacity 2,000,000 gallons. Hickman, Williams & Co. materials over Detroit River face of Ore Dock No. 1, operating from end of storage area described under Rouge River Wharf (Ref. No. 33). Upper 210 feet of wharf is Detroit River face of Ore Dock No. 1, remainder is DFace of wharf is in line and contiguous with Ore Dock No. 3 (Ref. No. 35).

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Remarks: National Steel Corp.: Ships coal tar through one 8-inch pipeline extending to lower portion of Dock No. 1 from four steel storage tanks in plant at rear; total capacity 2,000,000 gallons. Hickman, Williams & Co. materials over Detroit River face of Ore Dock No. 1, operating from end of storage area described under Rouge River Wharf (Ref. No. 33). Upper 210 feet of wharf is Detroit River face of Ore Dock No. 1, remainder is DFace of wharf is in line and contiguous with Ore Dock No. 3 (Ref. No. 35).

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Remarks: National Steel Corp.: Ships coal tar through one 8-inch pipeline extending to lower portion of Dock No. 1 from four steel storage tanks in plant at rear; total capacity 2,000,000 gallons. Hickman, Williams & Co. materials over Detroit River face of Ore Dock No. 1, operating from end of storage area described under Rouge River Wharf (Ref. No. 33). Upper 210 feet of wharf is Detroit River face of Ore Dock No. 1, remainder is DFace of wharf is in line and contiguous with Ore Dock No. 3 (Ref. No. 35).

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 20.5 PWD: 24
 Name: **Barge Transport, Hazardous Materials Truck Ferry, Detroit Landing.**
 Port: Detroit
 Location: Right bank, Detroit River, approximately 900 feet above entrance to Old Channel, Datum: LWD
 Rouge River, Detroit.
 Operator: Barge Transport, Inc.
 Owner: Detroit Coke Corp.
 Address: 6975 West Jefferson Avenue Phone: 313/842-2088
 Town: Detroit State: MI County: Wayne
 Railway Connection: None.
 Purpose: Transfer of vehicles hauling hazardous materials and of overweight vehicles to and from float;
 occasional receipt of dry bulk commodities, including limestone, by self-unloading vessel.
 Depth Alongside (feet): 21 | 21 - 25 | 25 - 26 Latitude (decimal): 42.290278
 Total Berthing Space (feet): 175 | 35 | 1,000 Longitude (decimal): -83.10111
 Remarks: Bulkhead is in line and contiguous with adjacent Detroit Coke Corp., Detroit River Wharf (Ref. No. 25),
 which provides, by mutual agreement, the lower 250 feet of berthing space. Vehicle float operates
 between I Terminal at 5252 Maplewood Street in Windsor, Ontario, Canada. Detroit Bulk Storage
 operates open storage area at rear with capacity for 80,000 tons of limestone.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 20.5 PWD: 25

Name: **Detroit Coke Corp., Detroit River Wharf.**

Port: Detroit

Location: Right bank, Detroit River, above entrance to Old Channel, Rouge River, Detroit. Datum: LWD

Operator: Not operated.

Owner: Detroit Coke Corp.

Address: 7819 West Jefferson Avenue Phone: 313/842-6222

Town: Detroit State: MI County: Wayne

Railway Connection: Two surface tracks at rear; connect with Delray Connecting Railroad.

Purpose: Not used.

Depth Alongside (feet): 20 - 21 | | Latitude (decimal): 42.289722

Total Berthing Space (feet): 1,000 | | Longitude (decimal): -83.10167

Remarks: Wharf formerly was used for receipt of coal and coke by self-unloading vessel. Wharf is in line and contiguous with adjacent Barge Transport, Inc. bulkhead (Ref. No. 24), which provides, by mutual agreement, the berthing space. Open storage area at rear has capacity for 30,000 tons of coal and 30,000 tons of coke, and is contiguous with that at rear of Old Channel, Rouge River Wharf (Ref. No. 26).

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 21.1 PWD: 23

Name: **U.S. Army Corps of Engineers, Detroit Area Office Slip and Mooring**

Port: Detroit

Location: Right bank, Detroit River, approximately 0.9 mile above entrance to Old Channel, Rouge River, Detroit. Datum: LWD

Operator: U.S. Army Corps of Engineers.

Owner: United States Government.

Address: 6309 West Jefferson Avenue Phone: 313/226-6840

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Mooring U.S. Army Corps of Engineers floating equipment; handling supplies and equipment.

Depth Alongside (feet): 18 - 20 | 18 - 20 | 20 Latitude (decimal): 42.298889

Total Berthing Space (feet): 240 | 260 | 300 Longitude (decimal): -83.09306

Remarks: An additional 75 and 80 feet of berthing space is available along steel sheet pile bulkheads located along river bank on each side of entrance to slip. One 30-ton, electric, traveling, 3-section boat lift at upp slip extends into boat shed at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 21.4 PWD: 22

Name: **City of Detroit, Mistersky Power Station Wharf.**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.0 mile below Ambassador Bridge, Detroit. Datum: LWD

Operator: City of Detroit, Public Lighting Department.

Owner: City of Detroit.

Address: 5425 West Jefferson Avenue Phone: 313/842-3350

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt of fuel oil for plant consumption.

Depth Alongside (feet): 26 | | Latitude (decimal): 42.3025

Total Berthing Space (feet): 1,049 | | Longitude (decimal): -83.08944

Remarks: Face of wharf is in line and contiguous with Motor City Building Materials, Summit Street Wharf, (Ref. No. 21). Two 10- and one 8-inch pipelines extend from face to 7 fuel oil storage tanks at rear, total capacity

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 21.6 PWD: 21

Name: **Motor City Building Materials, Summit Street Wharf.**

Port: Detroit

Location: Right bank, Detroit River, approximately 0.9 mile below Ambassador Bridge, Detroit. Datum: LWD

Operator: Motor City Building Materials Inc.

Owner: Detroit Economic Development Corp.

Address: 4485 West Jefferson Avenue. Phone: 313/843-7540

Town: Detroit State: MI County: Wayne

Railway Connection: One platform-level track at warehouse and one surface track in yard; connect with Norfolk Southern Railway and CSX Transportation.

Purpose: Occasional receipt of non-ferrous, metal ingots and lumber by barge in foreign trade.

Depth Alongside (feet): 26 | | Latitude (decimal): 42.304167

Total Berthing Space (feet): 480 | | Longitude (decimal): -83.0875

Remarks: Face of wharf is in line and contiguous with City of Detroit, Mistersky Power Station Wharf (Ref.No. 22). At time of survey (1996), Motor City Building Materials Inc. planned to rebuild a 600- by 200-foot, metal with concrete floor located at rear. Approximately 5 acres of open storage area are located on apron and on lower side of building.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 21.9 PWD: 20
 Name: **Detroit Marine Terminals, Scotten Street Wharf.**
 Port: Detroit
 Location: Right bank, Detroit River, approximately 0.5 mile below Ambassador Bridge, Detroit. Datum: LWD
 Operator: Detroit Marine Terminals, Inc.
 Owner: Detroit Marine Terminals, Inc.
 Address: 4105 West Jefferson Avenue. Phone: 313/843-7782
 Town: Detroit State: MI County: Wayne
 Railway Connection: None. (See Remarks)
 Purpose: Receipt and shipment of containerized and conventional general cargo in foreign trade, including steel and heavy equipment; shipment of miscellaneous dry bulk commodities and tallow.
 Depth Alongside (feet): 29 | 29 | Latitude (decimal): 42.3075
 Total Berthing Space (feet): 800 | 1,331 | Longitude (decimal): -83.08444
 Remarks: Warehouses Nos. 1, 2 and 3 are adjacent and divided by partitions into three parts of 5,000, 15,000, and 21,000 square feet, respectively. A sixth transit shed, The Pavilion, is 200 by 75 feet and of steel-frame construction above low masonry walls, with asphalt-surfaced concrete floor and two doors on the ship side. A seventh, 16,000-square-foot transit shed, and 22 acres of open storage area for general cargo and containerrear. Two surface tracks on apron, total length 4,200 feet, join additional trackage serving The Pavilion and open storage area, but at time of survey (1995), operator had no rail service. Tallow is from truck to vessel.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 22.2 PWD: 19
 Name: **City of Detroit, Riverside Park Wharf.**
 Port: Detroit
 Location: Right bank, Detroit River, approximately 1,000 feet below Ambassador Bridge, Detroit. Datum: LWD
 Operator: City of Detroit, Recreation Department, Public Service Division.
 Owner: City of Detroit.
 Address: West Jefferson Avenue and 24th Street Phone: 313/224-1139
 Town: Detroit State: MI County: Wayne
 Railway Connection: None.
 Purpose: Transient mooring of miscellaneous vessels.
 Depth Alongside (feet): 19 - 21 | | Latitude (decimal): 42.312222
 Total Berthing Space (feet): 400 | | Longitude (decimal): -83.07917
 Remarks: Face is in line and contiguous with The J. W. Westcott Co. Wharf (Ref. No. 18). □ □

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 22.3 PWD: 17
 Name: **City of Detroit, Fire Department Fireboat Wharf**
 Port: Detroit
 Location: Right bank, Detroit River, approximately 700 feet below Ambassador Bridge, Detroit. Datum: LWD
 Operator: City of Detroit, Fire Department.
 Owner: City of Detroit.
 Address: Foot of 24th Street Phone: 313/596-2871
 Town: Detroit State: MI County: Wayne
 Railway Connection: None.
 Purpose: Mooring fireboat, and transient mooring of small vessels.
 Depth Alongside (feet): 14 | 12 | Latitude (decimal): 42.313056
 Total Berthing Space (feet): 130 | 50 | Longitude (decimal): -83.07806
 Remarks: Wharf is in line and contiguous with the The J. W. Westcott Co. Wharf (Ref. No. 18), providing 270 feet of continuous berthing space. Concrete launching ramps for small craft are located at the head of a slip on 'Curtis Randolph' moors at wharf during spring and summer. Fireboat crew quarters are located in building at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 22.3 PWD: 18
 Name: **The J. W. Westcott Co. Wharf.**
 Port: Detroit
 Location: Right bank, Detroit River, approximately 900 feet below Ambassador Bridge, at foot of 24th Street, Detro Datum: LWD
 Operator: The J. W. Westcott Co.
 Owner: City of Detroit.
 Address: Foot of 24th Street. Phone: 313/496-0555
 Town: Detroit State: MI County: Wayne
 Railway Connection: None.
 Purpose: Handling ships' stores and mail; mooring mail boat 'J. W. Westcott II.'
 Depth Alongside (feet): 14 | | Latitude (decimal): 42.312778
 Total Berthing Space (feet): 140 | | Longitude (decimal): -83.07833
 Remarks: Wharf is in line and contiguous with the City of Detroit, Fire Department Fireboat Wharf (Ref. No. 17) and City of Detroit, Riverside Park Wharf (Ref. No. 19). Wharf and Fireboat Wharf provide 270 feet of contin space. A ships' stores company and marine post office are located in building at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 22.4 PWD: 16

Name: **City of Detroit, Riverside Park Annex Wharf.**

Port: Detroit

Location: Right bank, Detroit River, below Ambassador Bridge, Detroit. Datum: LWD

Operator: City of Detroit, Recreation Department, Public Service Division.

Owner: City of Detroit.

Address: Foot of 24th Street Phone: 313/224-1139

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Transient mooring of miscellaneous vessels.

Depth Alongside (feet): 12 - 26 | | Latitude (decimal): 42.313889

Total Berthing Space (feet): 380 | | Longitude (decimal): -83.07639

Remarks: -□□

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 24.0 PWD: 15

Name: **City of Detroit, Civic Center Wharf.**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.6 miles above the Ambassador Bridge, Detroit. Datum: LWD

Operator: City of Detroit, Civic Center Department.

Owner: City of Detroit.

Address: 1 Washington Boulevard Phone: 313/877-8240

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Mooring vessels on exhibition.

Depth Alongside (feet): 22 | | Latitude (decimal): 42.325278

Total Berthing Space (feet): 1,200 | | Longitude (decimal): -83.04778

Remarks: The face is in line and contiguous with the Hart Plaza Wharf (Ref. No. 14), providing 2,077 feet of continuous berthing space. At time of survey (1995), a 318-foot floating restaurant was moored at the juncti and plans called for its removal. Cobo Hall is located at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 24.2 PWD: 14
 Name: **City of Detroit, Hart Plaza Wharf**
 Port: Detroit
 Location: Right bank, Detroit River, approximately 1.8 miles above Ambassador Bridge, Detroit. Datum: LWD
 Operator: City of Detroit, Recreation Department, Hart Plaza Division, and Diamond Jack's River
 Owner: City of Detroit.
 Address: 1 Hart Plaza Phone: 313/877-8057
 Town: Detroit State: MI County: Wayne
 Railway Connection: None.
 Purpose: Landing passengers from excursion vessels and mooring vessels on exhibition.
 Depth Alongside (feet): 22 - 24 | | Latitude (decimal): 42.326111
 Total Berthing Space (feet): 877 | | Longitude (decimal): -83.04417
 Remarks: The face is in line and contiguous with the Civic Center Wharf (Ref. No. 15), providing 2,077 feet of continuous berthing space. At time of survey (1995), a 318-foot floating restaurant was moored at the conjunc and plans called for its removal. Blue Water Explorations Ltd., d.b.a. Diamond Jack's River Tours: Lands passengers from excursion vessels 'Diamond Belle' and 'Diamond Jack' at upper 125 feet of wharf.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 25.0 PWD: 13
 Name: **Detroit Bulk Storage, Atwater Wharf.**
 Port: Detroit
 Location: Right bank, Detroit River, approximately 1.9 miles below Douglas MacArthur Bridge, Datum: LWD
 Operator: Detroit Bulk Storage.
 Owner: James Blaine Assoc.
 Address: 1350 East Atwater Street Phone: 313/841-7470
 Town: Detroit State: MI County: Wayne
 Railway Connection: None.
 Purpose: Receipt of miscellaneous dry bulk commodities by self-unloading vessel, including salt and aggregates.
 Depth Alongside (feet): 26 | | Latitude (decimal): 42.33
 Total Berthing Space (feet): 730 | | Longitude (decimal): -83.03083
 Remarks: Open storage area of 6.2 acres is located at rear.□□

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 25.1 PWD: 12

Name: **Lafarge Corp., Detroit Terminal Wharf.**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.7 miles below Douglas MacArthur Bridge, Datum: LWD Detroit.

Operator: Lafarge Corp., Great Lakes Region., and Koenig Fuel & Supply Co.

Owner: Lafarge Corp., Great Lakes Region.

Address: 1500 East Atwater Street Phone: 313/259-0660

Town: Detroit State: MI County: Wayne

Railway Connection: Two surface tracks along upper side of storage silos extend to face of wharf, total length 750 feet; connect with Grand Trunk Western Railroad.

Purpose: Lafarge Corp.: Receipt of bulk cement by self-unloading vessel; mooring vessel during closed navigation season. Koenig Fuel & Supply Co.: Receipt of limestone by self-unloading vessel.

Depth Alongside (feet): 28 - 30 | | Latitude (decimal): 42.330833

Total Berthing Space (feet): 1,000 | | Longitude (decimal): -83.02889

Remarks: Berthing space includes portion of contiguous Detroit Bulk Storage, Atwater Wharf (Ref. No. 13). Lafarge Corp.: Two 10-inch unloading pipelines at upper end of wharf extend to 28 concrete, cement storage silos bins, and to 3 steel tanks, total capacity 28,000 tons; unloading rate 600 tons per hour for self-unloading vessels. Koenig Fuel & Supply Co.: Ready-mix concrete plant is located at rear of lower portion of wharf, aStreet, in open storage area with capacity for 21,000 tons of limestone.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 25.2 PWD: 11

Name: **City of Detroit, St. Aubin Park Excursion Landing and Visiting Ves**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.6 miles below Douglas MacArthur Bridge, Datum: LWD Detroit.

Operator: City of Detroit, Recreation Department, Public Service Division, and Diamond Jack's R

Owner: City of Detroit.

Address: 1900 East Atwater Street Phone: 313/224-1139

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Landing passengers from excursion vessels and mooring vessels on exhibition.

Depth Alongside (feet): 18 | 12 | Latitude (decimal): 42.332222

Total Berthing Space (feet): 100 | 400 | Longitude (decimal): -83.02639

Remarks: Inner portion of slip is a former graving dock which is approximately 75 feet wide at its entrance. City of Detroit: Permits mooring of vessels on exhibition at slip. Blue Water Explorations Ltd., d.b.a. Diamo Tours: Lands passengers from excursion vessels 'Diamond Belle' and 'Diamond Jack' at Landing.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 25.4 PWD: 10

Name: **Medusa Cement Co., Detroit Wharf**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.4 miles below Douglas MacArthur Bridge, Datum: LWD Detroit.

Operator: Medusa Cement Co., Division of Medusa Corp.

Owner: Medusa Cement Co., Division of Medusa Corp.

Address: 2122 East Atwater Street Phone: 313/259-3110

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt of bulk cement by self-unloading vessel.

Depth Alongside (feet): 28 | | Latitude (decimal): 42.332778

Total Berthing Space (feet): 535 | | Longitude (decimal): -83.02278

Remarks: Lower portion of berthing space fronts a concrete-capped, steel sheet pile bulkhead at St. Aubin Park. Eight concrete, cement storage silos with 3 interstitial bins, total capacity 30,000 tons, are located at re

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 25.5 PWD: 9

Name: **Holnam, Detroit Wharf.**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.2 miles below Douglas MacArthur Bridge, Datum: LWD Detroit.

Operator: Holnam, Inc.

Owner: Holnam, Inc.

Address: 2652 East Atwater Street Phone: 313/567-2330

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Transient mooring of barges and vessels.

Depth Alongside (feet): 12 - 15 | 20 | Latitude (decimal): 42.334444

Total Berthing Space (feet): 340 | 400 | Longitude (decimal): -83.01917

Remarks: River dock was formerly used for receipt of bulk cement by self-unloading vessel. Unloading equipment was inoperable at time of survey (1995). Six concrete, cement storage silos are located in rear, total capac

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 25.5 PWD: 8

Name: **U.S. Coast Guard, Detroit Reserve Pier.**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.2 miles below Douglas MacArthur Bridge, Datum: LWD Detroit.

Operator: U.S. Coast Guard.

Owner: United States Government.

Address: 2660 East Atwater Street Phone: 313/568-9462

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Mooring government-owned vessels.

Depth Alongside (feet): - | - | 12 - 15 Latitude (decimal): 42.335

Total Berthing Space (feet): | | 150 Longitude (decimal): -83.01917

Remarks: Additional berthing space is available in a 145- by 55-foot slip formed by concrete bulkheads with asphalt-surfaced solid fill at the inner end of the lower side of the pier.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 25.6 PWD: 7

Name: **Diamond Jack's River Tours, Stroh River Place Wharf.**

Port: Detroit

Location: Right bank, Detroit River, approximately 1.1 miles below Douglas MacArthur Bridge, Datum: LWD Detroit.

Operator: Blue Water Explorations Ltd., d.b.a. Diamond Jack's River Tours

Owner: River Place Properties Inc.

Address: 300 River Place Phone: 313/843-9376

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Landing and mooring for charter passenger and excursion vessels.

Depth Alongside (feet): 6 | | Latitude (decimal): 42.335

Total Berthing Space (feet): 175 | | Longitude (decimal): -83.0175

Remarks: Excursion vessels 'Diamond Belle' and 'Diamond Jack' land chartered tour passengers and moor at wharf during summer. □

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway:	Detroit River			Mile: 26.1	PWD: 6
Name:	U.S. Coast Guard Base, Detroit, Pier.				
Port:	Detroit				
Location:	Right bank, Detroit River, inner end of basin, approximately 0.5 mile below Douglas MacArthur Bridge, De			Datum:	LWD
Operator:	U.S. Coast Guard.				
Owner:	United States Government.				
Address:	110 Mt. Elliot Avenue			Phone:	313/568-9462
Town:	Detroit	State:	MI	County:	Wayne
Railway Connection:	None.				
Purpose:	Mooring and fueling U.S. Coast Guard vessels; handling navigation aids.				
Depth Alongside (feet):	18	13 - 18	13 - 18	Latitude (decimal):	42.340278
Total Berthing Space (feet):	50	340	340	Longitude (decimal):	-83.00861
Waterway:	Detroit River			Mile: 26.1	PWD: 6
Name:	U.S. Coast Guard Base, Detroit, Pier.				
Port:	Detroit				
Location:	Right bank, Detroit River, inner end of basin, approximately 0.5 mile below Douglas MacArthur Bridge, De			Datum:	LWD
Operator:	U.S. Coast Guard.				
Owner:	United States Government.				
Address:	110 Mt. Elliot Avenue			Phone:	313/568-9462
Town:	Detroit	State:	MI	County:	Wayne
Railway Connection:	None.				
Purpose:	Mooring and fueling U.S. Coast Guard vessels; handling navigation aids.				
Depth Alongside (feet):	18	13 - 18	13 - 18	Latitude (decimal):	42.340278
Total Berthing Space (feet):	50	340	340	Longitude (decimal):	-83.00861
Remarks:	An 84-foot long, concrete-capped, steel sheet pile bulkhead with concrete-surfaced solid fill forms the inner end of the basin below the pier. One 55-foot long, steel pile, concrete-decked runway extends from th forming a 15-foot wide slip next to the pier, used by the mobile boat lift. Small vessels moor at a 20- by 3-foot float below the runway, in water up to 10 feet deep. One 1 1/2-inch, diesel fuel pipeline extends tostorage tanks at rear, total capacity 1,000 gallons.				
Port Series: 45	Year of Last Survey: 1996	Corps of Engrns Waterway Code: 73013	Detroit District		
Remarks:	An 84-foot long, concrete-capped, steel sheet pile bulkhead with concrete-surfaced solid fill forms the inner end of the basin below the pier. One 55-foot long, steel pile, concrete-decked runway extends from th forming a 15-foot wide slip next to the pier, used by the mobile boat lift. Small vessels moor at a 20- by 3-foot float below the runway, in water up to 10 feet deep. One 1 1/2-inch, diesel fuel pipeline extends tostorage tanks at rear, total capacity 1,000 gallons.				
Port Series: 45	Year of Last Survey: 1996	Corps of Engrns Waterway Code: 73013	Detroit District		

Port Facilities by Waterway

Waterway:	Detroit River			Mile: 26.1	PWD: 6
Name:	U.S. Coast Guard Base, Detroit, Pier.				
Port:	Detroit				
Location:	Right bank, Detroit River, inner end of basin, approximately 0.5 mile below Douglas MacArthur Bridge, De				Datum: LWD
Operator:	U.S. Coast Guard.				
Owner:	United States Government.				
Address:	110 Mt. Elliot Avenue			Phone: 313/568-9462	
Town:	Detroit	State: MI		County: Wayne	
Railway Connection:	None.				
Purpose:	Mooring and fueling U.S. Coast Guard vessels; handling navigation aids.				
Depth Alongside (feet):	18	13 - 18	13 - 18	Latitude (decimal):	42.340278
Total Berthing Space (feet):	50	340	340	Longitude (decimal):	-83.00861
Waterway:	Detroit River			Mile: 26.1	PWD: 6
Name:	U.S. Coast Guard Base, Detroit, Pier.				
Port:	Detroit				
Location:	Right bank, Detroit River, inner end of basin, approximately 0.5 mile below Douglas MacArthur Bridge, De				Datum: LWD
Operator:	U.S. Coast Guard.				
Owner:	United States Government.				
Address:	110 Mt. Elliot Avenue			Phone: 313/568-9462	
Town:	Detroit	State: MI		County: Wayne	
Railway Connection:	None.				
Purpose:	Mooring and fueling U.S. Coast Guard vessels; handling navigation aids.				
Depth Alongside (feet):	18	13 - 18	13 - 18	Latitude (decimal):	42.340278
Total Berthing Space (feet):	50	340	340	Longitude (decimal):	-83.00861
Remarks:	An 84-foot long, concrete-capped, steel sheet pile bulkhead with concrete-surfaced solid fill forms the inner end of the basin below the pier. One 55-foot long, steel pile, concrete-decked runway extends from th forming a 15-foot wide slip next to the pier, used by the mobile boat lift. Small vessels moor at a 20- by 3-foot float below the runway, in water up to 10 feet deep. One 1 1/2-inch, diesel fuel pipeline extends tostorage tanks at rear, total capacity 1,000 gallons.				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73013			Detroit District
<hr/>					
Remarks:	An 84-foot long, concrete-capped, steel sheet pile bulkhead with concrete-surfaced solid fill forms the inner end of the basin below the pier. One 55-foot long, steel pile, concrete-decked runway extends from th forming a 15-foot wide slip next to the pier, used by the mobile boat lift. Small vessels moor at a 20- by 3-foot float below the runway, in water up to 10 feet deep. One 1 1/2-inch, diesel fuel pipeline extends tostorage tanks at rear, total capacity 1,000 gallons.				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73013			Detroit District

Port Facilities by Waterway

Waterway:	Detroit River		Mile: 26.1	PWD: 5		
Name:	U.S. Coast Guard Base, Detroit, Wharf.					
Port:	Detroit					
Location:	Right bank, Detroit River, upper side of basin, approximately 0.5 mile below Douglas MacArthur Bridge, D		Datum:	LWD		
Operator:	U.S. Coast Guard.					
Owner:	United States Government.					
Address:	110 Mt. Elliott Avenue		Phone:	313/568-9462		
Town:	Detroit	State:	MI	County: Wayne		
Railway Connection:	None.					
Purpose:	Mooring U.S. Coast Guard vessels.					
Depth Alongside (feet):	13 - 18		10		Latitude (decimal):	42.340278
Total Berthing Space (feet):	320		105		Longitude (decimal):	-83.00778
Waterway:	Detroit River		Mile: 26.1	PWD: 5		
Name:	U.S. Coast Guard Base, Detroit, Wharf.					
Port:	Detroit					
Location:	Right bank, Detroit River, upper side of basin, approximately 0.5 mile below Douglas MacArthur Bridge, D		Datum:	LWD		
Operator:	U.S. Coast Guard.					
Owner:	United States Government.					
Address:	110 Mt. Elliott Avenue		Phone:	313/568-9462		
Town:	Detroit	State:	MI	County: Wayne		
Railway Connection:	None.					
Purpose:	Mooring U.S. Coast Guard vessels.					
Depth Alongside (feet):	13 - 18		10		Latitude (decimal):	42.340278
Total Berthing Space (feet):	320		105		Longitude (decimal):	-83.00778
Remarks:	United States Coast Guard Base, Detroit, is located in building at rear.□□					
Port Series:	45	Year of Last Survey:	1996	Corps of Engrns Waterway Code:	73013	Detroit District

Remarks: United States Coast Guard Base, Detroit, is located in building at rear.□□

Port Series: 45 Year of Last Survey: 1996 Corps of Eng'rs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway:	Detroit River		Mile: 26.1	PWD: 5		
Name:	U.S. Coast Guard Base, Detroit, Wharf.					
Port:	Detroit					
Location:	Right bank, Detroit River, upper side of basin, approximately 0.5 mile below Douglas MacArthur Bridge, D		Datum:	LWD		
Operator:	U.S. Coast Guard.					
Owner:	United States Government.					
Address:	110 Mt. Elliott Avenue		Phone:	313/568-9462		
Town:	Detroit	State:	MI	County: Wayne		
Railway Connection:	None.					
Purpose:	Mooring U.S. Coast Guard vessels.					
Depth Alongside (feet):	13 - 18		10		Latitude (decimal):	42.340278
Total Berthing Space (feet):	320		105		Longitude (decimal):	-83.00778
Waterway:	Detroit River		Mile: 26.1	PWD: 5		
Name:	U.S. Coast Guard Base, Detroit, Wharf.					
Port:	Detroit					
Location:	Right bank, Detroit River, upper side of basin, approximately 0.5 mile below Douglas MacArthur Bridge, D		Datum:	LWD		
Operator:	U.S. Coast Guard.					
Owner:	United States Government.					
Address:	110 Mt. Elliott Avenue		Phone:	313/568-9462		
Town:	Detroit	State:	MI	County: Wayne		
Railway Connection:	None.					
Purpose:	Mooring U.S. Coast Guard vessels.					
Depth Alongside (feet):	13 - 18		10		Latitude (decimal):	42.340278
Total Berthing Space (feet):	320		105		Longitude (decimal):	-83.00778
Remarks:	United States Coast Guard Base, Detroit, is located in building at rear.□□					
Port Series:	45	Year of Last Survey:	1996	Corps of Engrns Waterway Code:	73013	Detroit District

Remarks: United States Coast Guard Base, Detroit, is located in building at rear.□□

Port Series: 45 Year of Last Survey: 1996 Corps of Eng'rs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Detroit River** Mile: 29.4 PWD: 2

Name: **City of Detroit, Lycaste Avenue Wharf.**

Port: Detroit

Location: Right bank, Detroit River, upper side of slip, approximately 0.3 mile below mouth of Conners Creek, Detr Datum: LWD

Operator: Not operated.

Owner: City of Detroit.

Address: Lycaste Avenue. Phone: 313/224-2370

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 17 | | Latitude (decimal): 42.356111

Total Berthing Space (feet): 400 | | Longitude (decimal): -82.96167

Remarks: Formerly used for receipt of sand and limestone by self-unloading vessel. Approximately 12 acres of open storage area are located at rear. □

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Waterway: **Detroit River** Mile: 29.4 PWD: 3

Name: **Detroit Boat Works Wharf.**

Port: Detroit

Location: Right bank, Detroit River, lower side of slip, approximately 0.3 mile below mouth of Conners Creek, Detr Datum: LWD

Operator: Detroit Boat Works.

Owner: Thompson Properties.

Address: 95 St. Jean Avenue Phone: 313/822-7180

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Occasional mooring of contractors' floating equipment. (See Remarks.)

Depth Alongside (feet): 8 - 18 | | Latitude (decimal): 42.356389

Total Berthing Space (feet): 1,150 | | Longitude (decimal): -82.96222

Remarks: Inner 530 feet of wharf is fronted by timber floats and operated as a repair yard for recreational craft. Approximately 8 acres of open storage area are located at rear of outer portion.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: Detroit River	Mile: 29.6 PWD: 1
Name: Detroit Edison, Conners Creek Wharf.	
Port: Detroit	
Location: Right bank, Detroit River, below mouth of Conners Creek, Detroit.	Datum: LWD
Operator: U.S. Coast Guard and American Aggregate Co., Inc.	
Owner: The Detroit Edison Co.	
Address: 201 Lycaste Avenue	Phone: 313/499-0245
Town: Detroit	State: MI County: Wayne
Railway Connection: Surface trackage serving unloading facilities and 150-car capacity storage yard in rear connects with Consolidated Rail Corp.	
Purpose: Handling navigation aids, and receipt of limestone by self-unloading vessel.	
Depth Alongside (feet): 16 - 21	Latitude (decimal): 42.354722
Total Berthing Space (feet): 800	Longitude (decimal): -82.95472
Remarks: Coast Guard uses wharf for storage of buoys. American Aggregate Co., Inc. stores limestone on approximately 4 1/2 acres of open storage area. Detroit Edison Co. formerly operated wharf for receipt of coal by se vessel. Two open storage areas at rear (one on each side of intake canal) are served by a conveyor system extending to the conveyor bridge and, thence, to a power plant at rear. Storage areas have a total capacity fcoal.	
Port Series: 45	Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73013 Detroit District

Port Facilities by Waterway

Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
 Operator: Seaway Port Authority of Duluth
 Owner: Seaway Port Authority of Duluth
 Address: 1100 Port Terminal Drive Phone: 218/727-8525
 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389
 Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
 Operator: Seaway Port Authority of Duluth
 Owner: Seaway Port Authority of Duluth
 Address: 1100 Port Terminal Drive Phone: 218/727-8525
 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389
 Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
 Operator: Seaway Port Authority of Duluth
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 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389

Port Facilities by Waterway

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end	Datum: LWD	
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive	Phone: 218/727-8525	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30	Latitude (decimal): 46.753333	
Total Berthing Space (feet): 550 & (See	Longitude (decimal): -92.09389	
Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end	Datum: LWD	
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
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Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30	Latitude (decimal): 46.753333	
Total Berthing Space (feet): 550 & (See	Longitude (decimal): -92.09389	
Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end	Datum: LWD	
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive	Phone: 218/727-8525	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30	Latitude (decimal): 46.753333	
Total Berthing Space (feet): 550 & (See	Longitude (decimal): -92.09389	
Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing		
Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79286
		Detroit District

Port Facilities by Waterway

Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end		Datum: LWD
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive		Phone: 218/727-8525
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 &	(See	Longitude (decimal): -92.09389

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end		Datum: LWD
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive		Phone: 218/727-8525
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 &	(See	Longitude (decimal): -92.09389

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end		Datum: LWD
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive		Phone: 218/727-8525
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 &	(See	Longitude (decimal): -92.09389

Port Facilities by Waterway

Waterway: **Duluth and East Gate Basins** Mile: PWD: 23

Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**

Port: Lake Superior

Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD

Operator: Seaway Port Authority of Duluth

Owner: Seaway Port Authority of Duluth

Address: 1100 Port Terminal Drive Phone: 218/727-8525

Town: Duluth State: MN County: St. Louis

Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.

Purpose: Mooring vessels.

Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333

Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389

Waterway: **Duluth and East Gate Basins** Mile: PWD: 23

Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**

Port: Lake Superior

Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD

Operator: Seaway Port Authority of Duluth

Owner: Seaway Port Authority of Duluth

Address: 1100 Port Terminal Drive Phone: 218/727-8525

Town: Duluth State: MN County: St. Louis

Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.

Purpose: Mooring vessels.

Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333

Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389

Waterway: **Duluth and East Gate Basins** Mile: PWD: 23

Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**

Port: Lake Superior

Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD

Operator: Seaway Port Authority of Duluth

Owner: Seaway Port Authority of Duluth

Address: 1100 Port Terminal Drive Phone: 218/727-8525

Town: Duluth State: MN County: St. Louis

Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.

Purpose: Mooring vessels.

Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333

Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389

Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
 Operator: Seaway Port Authority of Duluth
 Owner: Seaway Port Authority of Duluth
 Address: 1100 Port Terminal Drive Phone: 218/727-8525
 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389
 Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
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 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389
 Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
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 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389

Port Facilities by Waterway

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end	Datum: LWD	
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive	Phone: 218/727-8525	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30	Latitude (decimal): 46.753333	
Total Berthing Space (feet): 550 & (See	Longitude (decimal): -92.09389	
Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end	Datum: LWD	
Operator: Seaway Port Authority of Duluth		
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Address: 1100 Port Terminal Drive	Phone: 218/727-8525	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30	Latitude (decimal): 46.753333	
Total Berthing Space (feet): 550 & (See	Longitude (decimal): -92.09389	
Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end	Datum: LWD	
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Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30	Latitude (decimal): 46.753333	
Total Berthing Space (feet): 550 & (See	Longitude (decimal): -92.09389	
Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing		
Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79286
		Detroit District

Port Facilities by Waterway

Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
 Operator: Seaway Port Authority of Duluth
 Owner: Seaway Port Authority of Duluth
 Address: 1100 Port Terminal Drive Phone: 218/727-8525
 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389
 Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
 Operator: Seaway Port Authority of Duluth
 Owner: Seaway Port Authority of Duluth
 Address: 1100 Port Terminal Drive Phone: 218/727-8525
 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389
 Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
 Operator: Seaway Port Authority of Duluth
 Owner: Seaway Port Authority of Duluth
 Address: 1100 Port Terminal Drive Phone: 218/727-8525
 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389

Port Facilities by Waterway

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end		Datum: LWD
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive		Phone: 218/727-8525
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 &	(See	Longitude (decimal): -92.09389
Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end		Datum: LWD
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive		Phone: 218/727-8525
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 &	(See	Longitude (decimal): -92.09389
Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end		Datum: LWD
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive		Phone: 218/727-8525
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 &	(See	Longitude (decimal): -92.09389
Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing		
Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79286
		Detroit District

Port Facilities by Waterway

Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
 Operator: Seaway Port Authority of Duluth
 Owner: Seaway Port Authority of Duluth
 Address: 1100 Port Terminal Drive Phone: 218/727-8525
 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389
 Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
 Operator: Seaway Port Authority of Duluth
 Owner: Seaway Port Authority of Duluth
 Address: 1100 Port Terminal Drive Phone: 218/727-8525
 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389
 Waterway: **Duluth and East Gate Basins** Mile: PWD: 23
 Name: **Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.**
 Port: Lake Superior
 Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end Datum: LWD
 Operator: Seaway Port Authority of Duluth
 Owner: Seaway Port Authority of Duluth
 Address: 1100 Port Terminal Drive Phone: 218/727-8525
 Town: Duluth State: MN County: St. Louis
 Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.753333
 Total Berthing Space (feet): 550 & | (See | Longitude (decimal): -92.09389

Port Facilities by Waterway

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end		Datum: LWD
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive		Phone: 218/727-8525
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 & (See		Longitude (decimal): -92.09389
Waterway: Duluth and East Gate Basins		
Mile: PWD: 23		
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
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Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 & (See		Longitude (decimal): -92.09389
Waterway: Duluth and East Gate Basins		
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Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 & (See		Longitude (decimal): -92.09389
Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing		
Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79286
		Detroit District

Port Facilities by Waterway

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end		Datum: LWD
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive		Phone: 218/727-8525
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 &	(See	Longitude (decimal): -92.09389

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end		Datum: LWD
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive		Phone: 218/727-8525
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 &	(See	Longitude (decimal): -92.09389

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end		Datum: LWD
Operator: Seaway Port Authority of Duluth		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive		Phone: 218/727-8525
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.753333
Total Berthing Space (feet): 550 &	(See	Longitude (decimal): -92.09389

Port Facilities by Waterway

Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
Port: Lake Superior		
Location: Upper end of west side of Duluth Harbor Basin and lower end of north side of East Gate Basin, outer end	Datum: LWD	
Operator: Seaway Port Authority of Duluth		
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Address: 1100 Port Terminal Drive	Phone: 218/727-8525	
Town: Duluth	State: MN	County: St. Louis
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Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
Name: Arthur M. Clure Public Marine Terminal Berths Nos. 5 and 6.		
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Waterway: Duluth and East Gate Basins	Mile:	PWD: 23
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Railway Connection: One surface track extending along rear of face loops around terminal, joins additional trackage and connects with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 30	Latitude (decimal): 46.753333	
Total Berthing Space (feet): 550 & (See	Longitude (decimal): -92.09389	
Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing		
Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79286
		Detroit District

Port Facilities by Waterway

Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Remarks: East warehouse (S.W. Ref. No. 2) and approximately 77.5 acres of open storage area located at rear. Berth 6 is in-line and contiguous with Berth 7 (P.W.D. Ref. No. 24) providing 1,392 feet of continuous berthing

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Waterway: **Duluth Harbor Basin** Mile: PWD: 15
Name: **AGP Grain, Ltd. Dock**
Port: Lake Superior
Location: Approximately 2,500 feet above entrance to Superior Slip, west side of Duluth Harbor Datum: LWD Basin.
Operator: APG Grain, Ltd.
Owner: AGP Grain, Ltd.
Address: 600 Garfield Avenue Phone: 218/722-0538
Town: Duluth State: MN County: St. Louis
Railway Connection: Three surface tracks serve 3 car pits and one loading spout, capacity 28 empty and 36 loaded cars, connect with CP Railroad.
Purpose: Shipment of grain.
Depth Alongside (feet): 28 - 12 | | Latitude (decimal): 46.763889
Total Berthing Space (feet): 1,736 | | Longitude (decimal): -92.10222
Remarks: Concrete silos have a total storage capacity of 4,150,000 bushels. □ □

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 19
Name: Arthur M. Clure Public Marine Terminal, Berth No. 1.		
Port: Lake Superior		
Location: Inner portion, upper side, 1st slip north from outer end of Rices Point, west side of Duluth Harbor Basi		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1200 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track along rear of wharf; joins additional trackage serving terminal; connect with CP Railroad (See Remarks).		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade, including heavy-lift items; receipt of finished steel; shipment of scrap metal.		
Depth Alongside (feet): 30		Latitude (decimal): 46.758333
Total Berthing Space (feet): 810		Longitude (decimal): -92.10222

Waterway: Duluth Harbor Basin	Mile:	PWD: 19
Name: Arthur M. Clure Public Marine Terminal, Berth No. 1.		
Port: Lake Superior		
Location: Inner portion, upper side, 1st slip north from outer end of Rices Point, west side of Duluth Harbor Basi		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1200 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track along rear of wharf; joins additional trackage serving terminal; connect with CP Railroad (See Remarks).		
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Depth Alongside (feet): 30		Latitude (decimal): 46.758333
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Waterway: Duluth Harbor Basin	Mile:	PWD: 19
Name: Arthur M. Clure Public Marine Terminal, Berth No. 1.		
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Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 19
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Name: Arthur M. Clure Public Marine Terminal, Berth No. 1.		
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Location: Inner portion, upper side, 1st slip north from outer end of Rices Point, west side of Duluth Harbor Basin		Datum: LWD
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Waterway: Duluth Harbor Basin		
Name: Arthur M. Clure Public Marine Terminal, Berth No. 1.		
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Location: Inner portion, upper side, 1st slip north from outer end of Rices Point, west side of Duluth Harbor Basin		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
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Address: 1200 Port Terminal Drive.	Phone: 218/727-6646	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track along rear of wharf; joins additional trackage serving terminal; connect with CP Railroad (See Remarks).		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade, including heavy-lift items; receipt of finished steel; shipment of scrap metal.		
Depth Alongside (feet): 30		Latitude (decimal): 46.758333
Total Berthing Space (feet): 810		Longitude (decimal): -92.10222
Remarks: Approximately 2 1/2 acres of paved, open storage area located at rear. Face of wharf is in line and contiguous with Berth 2 (P.W.D. Ref No. 20) providing 1,620 feet of continuous berthing space. Angular steel s inner end provides 250 feet of berthing space for tugs and small vessels with water depth of approximately 15 feet. One surface track loops terminal providing rail service to all berths. Storage warehouse (S.W. Ref. located at rear of inner end of wharf.		

Port Series: 49 Year of Last Survey: 1999 Corps of Engnr's Waterway Code: 79286 Detroit District

U.S. Army Corps of Engineers
Institute for Water Resources
Navigation Data Center

Port Facilities by Waterway

Remarks: Approximately 2 1/2 acres of paved, open storage area located at rear. Face of wharf is in line and contiguous with Berth 2 (P.W.D. Ref No. 20) providing 1,620 feet of continuous berthing space. Angular steel s inner end provides 250 feet of berthing space for tugs and small vessels with water depth of approximately 15 feet. One surface track loops terminal providing rail service to all berths. Storage warehouse (S.W. Ref. located at rear of inner end of wharf.

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Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 19
Name: Arthur M. Clure Public Marine Terminal, Berth No. 1.		
Port: Lake Superior		
Location: Inner portion, upper side, 1st slip north from outer end of Rices Point, west side of Duluth Harbor Basi		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1200 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track along rear of wharf; joins additional trackage serving terminal; connect with CP Railroad (See Remarks).		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade, including heavy-lift items; receipt of finished steel; shipment of scrap metal.		
Depth Alongside (feet): 30		Latitude (decimal): 46.758333
Total Berthing Space (feet): 810		Longitude (decimal): -92.10222

Waterway: Duluth Harbor Basin	Mile:	PWD: 19
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Owner: Seaway Port Authority of Duluth.		
Address: 1200 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track along rear of wharf; joins additional trackage serving terminal; connect with CP Railroad (See Remarks).		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade, including heavy-lift items; receipt of finished steel; shipment of scrap metal.		
Depth Alongside (feet): 30		Latitude (decimal): 46.758333
Total Berthing Space (feet): 810		Longitude (decimal): -92.10222

Waterway: Duluth Harbor Basin	Mile:	PWD: 19
Name: Arthur M. Clure Public Marine Terminal, Berth No. 1.		
Port: Lake Superior		
Location: Inner portion, upper side, 1st slip north from outer end of Rices Point, west side of Duluth Harbor Basi		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
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Port Facilities by Waterway

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Total Berthing Space (feet): 810		Longitude (decimal): -92.10222
Remarks: Approximately 2 1/2 acres of paved, open storage area located at rear. Face of wharf is in line and contiguous with Berth 2 (P.W.D. Ref No. 20) providing 1,620 feet of continuous berthing space. Angular steel s inner end provides 250 feet of berthing space for tugs and small vessels with water depth of approximately 15 feet. One surface track loops terminal providing rail service to all berths. Storage warehouse (S.W. Ref. located at rear of inner end of wharf.		

Port Series: 49 Year of Last Survey: 1999 Corps of Engnr's Waterway Code: 79286 Detroit District

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Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 19
Name: Arthur M. Clure Public Marine Terminal, Berth No. 1.		
Port: Lake Superior		
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Operator: Lake Superior Warehouse, Inc.		
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Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track along rear of wharf; joins additional trackage serving terminal; connect with CP Railroad (See Remarks).		
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Total Berthing Space (feet): 810		Longitude (decimal): -92.10222
Waterway: Duluth Harbor Basin		
Mile: PWD: 19		
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Port Facilities by Waterway

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Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 20
Name: Arthur M. Clure Public Marine Terminal, Berth No. 2.		
Port: Lake Superior		
Location: Outer portion, upper side, 1st slip north from outer end of Rices Point, west side of Duluth Harbor Basi		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1200 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Three platform-level tracks under canopy extend along rear of transit shed; tracks join additional trackage serving terminal; connect with CP Railroad.		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade.		
Depth Alongside (feet): 30		Latitude (decimal): 46.759444
Total Berthing Space (feet): 810		Longitude (decimal): -92.09944

Waterway: Duluth Harbor Basin	Mile:	PWD: 20
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Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 20
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Port: Lake Superior		
Location: Outer portion, upper side, 1st slip north from outer end of Rices Point, west side of Duluth Harbor Basi		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1200 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Three platform-level tracks under canopy extend along rear of transit shed; tracks join additional trackage serving terminal; connect with CP Railroad.		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade.		
Depth Alongside (feet): 30		Latitude (decimal): 46.759444
Total Berthing Space (feet): 810		Longitude (decimal): -92.09944

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Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 21
Name: Arthur M. Clure Public Marine Terminal, Berth No. 3.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 2,000 feet above outer end of Rices Point. Datum: LWD		
Operator: Murphy Oil USA, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1200 Port Terminal Drive.	Phone: 218/727-8430	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Three surface tracks described under Ref. No. 20 extend to rear of apron, 2 of these tracks serve tank car loading rack; 2 other tracks serve second tank car loading rack; and other terminal trackage.serves		
Purpose: Bunkering vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.759167
Total Berthing Space (feet): 1,200		Longitude (decimal): -92.09639
Waterway: Duluth Harbor Basin	Mile:	PWD: 21
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Depth Alongside (feet): 30		Latitude (decimal): 46.759167
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Port Facilities by Waterway

Waterway: **Duluth Harbor Basin** Mile: PWD: 21

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Operator: Murphy Oil USA, Inc.

Owner: Seaway Port Authority of Duluth.

Address: 1200 Port Terminal Drive. Phone: 218/727-8430

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Railway Connection: Three surface tracks described under Ref. No. 20 extend to rear of apron, 2 of these tracks serve tank car loading rack; 2 other tracks serve second tank car loading rack; and other terminal trackage.serves

Purpose: Bunkering vessels.

Depth Alongside (feet): 30 | | Latitude (decimal): 46.759167

Total Berthing Space (feet): 1,200 | | Longitude (decimal): -92.09639

Waterway: **Duluth Harbor Basin** Mile: PWD: 21

Name: **Arthur M. Clure Public Marine Terminal, Berth No. 3.**

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Location: West side, Duluth Harbor Basin, approximately 2,000 feet above outer end of Rices Point. Datum: LWD

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Port Facilities by Waterway

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Town: Duluth	State: MN	County: St. Louis
Railway Connection: Three surface tracks described under Ref. No. 20 extend to rear of apron, 2 of these tracks serve tank car loading rack; 2 other tracks serve second tank car loading rack; and other terminal trackage.serves		
Purpose: Bunkering vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.759167
Total Berthing Space (feet): 1,200		Longitude (decimal): -92.09639

Waterway: Duluth Harbor Basin	Mile:	PWD: 21
Name: Arthur M. Clure Public Marine Terminal, Berth No. 3.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 2,000 feet above outer end of Rices Point. Datum: LWD		
Operator: Murphy Oil USA, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1200 Port Terminal Drive.		Phone: 218/727-8430
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Three surface tracks described under Ref. No. 20 extend to rear of apron, 2 of these tracks serve tank car loading rack; 2 other tracks serve second tank car loading rack; and other terminal trackage.serves		
Purpose: Bunkering vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.759167
Total Berthing Space (feet): 1,200		Longitude (decimal): -92.09639

Remarks: Four fuel storage tanks are located at rear, total capacity 14,400 barrels. Three of the tanks serve one 6-inch No.6 fuel oil hose at wharf; the fourth tank serves one 4-inch, one 3-inch, and two 2-inch diesel f wharf. Berth is in-line and contiguous with Berth 4 (P.W.D. Ref. No. 22) providing 2,200 feet of continuous berthing space.

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Port Facilities by Waterway

Remarks: Four fuel storage tanks are located at rear, total capacity 14,400 barrels. Three of the tanks serve one 6-inch No.6 fuel oil hose at wharf; the fourth tank serves one 4-inch, one 3-inch, and two 2-inch diesel f wharf. Berth is in-line and contiguous with Berth 4 (P.W.D. Ref. No. 22) providing 2,200 feet of continuous berthing space.

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 21
Name: Arthur M. Clure Public Marine Terminal, Berth No. 3.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 2,000 feet above outer end of Rices Point. Datum: LWD		
Operator: Murphy Oil USA, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1200 Port Terminal Drive.		Phone: 218/727-8430
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Three surface tracks described under Ref. No. 20 extend to rear of apron, 2 of these tracks serve tank car loading rack; 2 other tracks serve second tank car loading rack; and other terminal trackage.serves		
Purpose: Bunkering vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.759167
Total Berthing Space (feet): 1,200		Longitude (decimal): -92.09639
Waterway: Duluth Harbor Basin		Mile: PWD: 21
Name: Arthur M. Clure Public Marine Terminal, Berth No. 3.		
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Remarks: Four fuel storage tanks are located at rear, total capacity 14,400 barrels. Three of the tanks serve one 6-inch No.6 fuel oil hose at wharf; the fourth tank serves one 4-inch, one 3-inch, and two 2-inch diesel f wharf. Berth is in-line and contiguous with Berth 4 (P.W.D. Ref. No. 22) providing 2,200 feet of continuous berthing space.

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Port Facilities by Waterway

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 21
Name: Arthur M. Clure Public Marine Terminal, Berth No. 3.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 2,000 feet above outer end of Rices Point. Datum: LWD		
Operator: Murphy Oil USA, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1200 Port Terminal Drive.		Phone: 218/727-8430
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Three surface tracks described under Ref. No. 20 extend to rear of apron, 2 of these tracks serve tank car loading rack; 2 other tracks serve second tank car loading rack; and other terminal trackage.serves		
Purpose: Bunkering vessels.		
Depth Alongside (feet): 30		Latitude (decimal): 46.759167
Total Berthing Space (feet): 1,200		Longitude (decimal): -92.09639
Waterway: Duluth Harbor Basin		
Mile: PWD: 21		
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Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Port Facilities by Waterway

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 22
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 700 feet below outer end of Rices Point.		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1100 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending within 80 feet of face, and one 5-car capacity track serves 2 doors and platform of warehouse located at rear; connects with CP Railroad.		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade; receipt of breakbulk commodities.		
Depth Alongside (feet): 30		Latitude (decimal): 46.755556
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.09444
Waterway: Duluth Harbor Basin		
Mile: PWD: 22		
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 700 feet below outer end of Rices Point.		Datum: LWD
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Depth Alongside (feet): 30		Latitude (decimal): 46.755556
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.09444
Waterway: Duluth Harbor Basin		
Mile: PWD: 22		
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Port: Lake Superior		
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Purpose: Receipt and shipment of general cargo in foreign and domestic trade; receipt of breakbulk commodities.		
Depth Alongside (feet): 30		Latitude (decimal): 46.755556
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.09444
Remarks: Loading platform of warehouse connected to wharf by 22-foot-wide paved driveway, about 400 feet long. East Warehouse (S.W. Ref. No. 2) located at rear. Berth is in-line and contiguous with Berth 3 (P.W. D. Ref. providing 2,200 feet of continuous berthing space.		
Port Series: 49	Year of Last Survey: 1999	Corps of Eng'rs Waterway Code: 79286
		Detroit District

Port Facilities by Waterway

Remarks: Loading platform of warehouse connected to wharf by 22-foot-wide paved driveway, about 400 feet long. East Warehouse (S.W. Ref. No. 2) located at rear. Berth is in-line and contiguous with Berth 3 (P.W. D. Ref. providing 2,200 feet of continuous berthing space.

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 22
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 700 feet below outer end of Rices Point.		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1100 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending within 80 feet of face, and one 5-car capacity track serves 2 doors and platform of warehouse located at rear; connects with CP Railroad.		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade; receipt of breakbulk commodities.		
Depth Alongside (feet): 30		Latitude (decimal): 46.755556
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Waterway: Duluth Harbor Basin	Mile:	PWD: 22
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 700 feet below outer end of Rices Point.		Datum: LWD
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Depth Alongside (feet): 30		Latitude (decimal): 46.755556
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.09444

Waterway: Duluth Harbor Basin	Mile:	PWD: 22
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
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Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 22
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 700 feet below outer end of Rices Point.		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1100 Port Terminal Drive.	Phone: 218/727-6646	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending within 80 feet of face, and one 5-car capacity track serves 2 doors and platform of warehouse located at rear; connects with CP Railroad.		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade; receipt of breakbulk commodities.		
Depth Alongside (feet): 30		Latitude (decimal): 46.755556
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.09444
Waterway: Duluth Harbor Basin		
Mile: PWD: 22		
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 700 feet below outer end of Rices Point.		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1100 Port Terminal Drive.	Phone: 218/727-6646	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending within 80 feet of face, and one 5-car capacity track serves 2 doors and platform of warehouse located at rear; connects with CP Railroad.		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade; receipt of breakbulk commodities.		
Depth Alongside (feet): 30		Latitude (decimal): 46.755556
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.09444
Waterway: Duluth Harbor Basin		
Mile: PWD: 22		
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 700 feet below outer end of Rices Point.		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1100 Port Terminal Drive.	Phone: 218/727-6646	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending within 80 feet of face, and one 5-car capacity track serves 2 doors and platform of warehouse located at rear; connects with CP Railroad.		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade; receipt of breakbulk commodities.		
Depth Alongside (feet): 30		Latitude (decimal): 46.755556
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.09444

Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 22
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 700 feet below outer end of Rices Point.		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1100 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending within 80 feet of face, and one 5-car capacity track serves 2 doors and platform of warehouse located at rear; connects with CP Railroad.		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade; receipt of breakbulk commodities.		
Depth Alongside (feet): 30		Latitude (decimal): 46.755556
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.09444
Waterway: Duluth Harbor Basin		
Mile: PWD: 22		
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 700 feet below outer end of Rices Point.		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1100 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending within 80 feet of face, and one 5-car capacity track serves 2 doors and platform of warehouse located at rear; connects with CP Railroad.		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade; receipt of breakbulk commodities.		
Depth Alongside (feet): 30		Latitude (decimal): 46.755556
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.09444
Waterway: Duluth Harbor Basin		
Mile: PWD: 22		
Name: Arthur M. Clure Public Marine Terminal, Berth No. 4.		
Port: Lake Superior		
Location: West side, Duluth Harbor Basin, approximately 700 feet below outer end of Rices Point.		Datum: LWD
Operator: Lake Superior Warehouse, Inc.		
Owner: Seaway Port Authority of Duluth.		
Address: 1100 Port Terminal Drive.		Phone: 218/727-6646
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track extending within 80 feet of face, and one 5-car capacity track serves 2 doors and platform of warehouse located at rear; connects with CP Railroad.		
Purpose: Receipt and shipment of general cargo in foreign and domestic trade; receipt of breakbulk commodities.		
Depth Alongside (feet): 30		Latitude (decimal): 46.755556
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.09444
Remarks: Loading platform of warehouse connected to wharf by 22-foot-wide paved driveway, about 400 feet long. East Warehouse (S.W. Ref. No. 2) located at rear. Berth is in-line and contiguous with Berth 3 (P.W. D. Ref. providing 2,200 feet of continuous berthing space.		
Port Series: 49	Year of Last Survey: 1999	Corps of Eng'rs Waterway Code: 79286
		Detroit District

Port Facilities by Waterway

Remarks: Loading platform of warehouse connected to wharf by 22-foot-wide paved driveway, about 400 feet long. East Warehouse (S.W. Ref. No. 2) located at rear. Berth is in-line and contiguous with Berth 3 (P.W. D. Ref. providing 2,200 feet of continuous berthing space.

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79286 Detroit District

Remarks: Loading platform of warehouse connected to wharf by 22-foot-wide paved driveway, about 400 feet long. East Warehouse (S.W. Ref. No. 2) located at rear. Berth is in-line and contiguous with Berth 3 (P.W. D. Ref. providing 2,200 feet of continuous berthing space.

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79286 Detroit District

Remarks: Loading platform of warehouse connected to wharf by 22-foot-wide paved driveway, about 400 feet long. East Warehouse (S.W. Ref. No. 2) located at rear. Berth is in-line and contiguous with Berth 3 (P.W. D. Ref. providing 2,200 feet of continuous berthing space.

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79286 Detroit District

Remarks: Loading platform of warehouse connected to wharf by 22-foot-wide paved driveway, about 400 feet long. East Warehouse (S.W. Ref. No. 2) located at rear. Berth is in-line and contiguous with Berth 3 (P.W. D. Ref. providing 2,200 feet of continuous berthing space.

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79286 Detroit District

Remarks: Loading platform of warehouse connected to wharf by 22-foot-wide paved driveway, about 400 feet long. East Warehouse (S.W. Ref. No. 2) located at rear. Berth is in-line and contiguous with Berth 3 (P.W. D. Ref. providing 2,200 feet of continuous berthing space.

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79286 Detroit District

Waterway: **Duluth Harbor Basin** Mile: PWD: 16
 Name: **Azcon Corp. Dock**
 Port: Lake Superior
 Location: Lower side of 2nd slip from outer end of Rices Point, west side of Duluth Harbor Datum: LWD
 Basin.
 Operator: Azcon Corp.
 Owner: Azcon Corp.
 Address: Foot of E. Birch St. Phone: 218/722-7703
 Town: Duluth State: MN County: St. Louis
 Railway Connection: Six connecting surface tracks run the complete length of wharf, 2 located at rear inner portion adjacent to grain elevator, one along center, and 3 along lower side of slip; connect with CP Railroad.
 Purpose: Shipment of ferrous scrap metal, occasional mooring of vessels for shipbreaking.
 Depth Alongside (feet): 21 | 22 | Latitude (decimal): 46.760833
 Total Berthing Space (feet): 500 | 1,586 | Longitude (decimal): -92.10417
 Remarks: Concrete-paved open storage areas have capacity for 100,000 tons of prepared material.□

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 12
Name:	Cargill 'B-1' Dock.		
Port:	Lake Superior		
Location:	Approximately 500 feet above entrance to Superior Slip, west side of Duluth Harbor Basin.	Datum:	LWD
Operator:	Cargill, Inc.		
Owner:	Cargill, Inc.		
Address:	250 Garfield Avenue	Phone:	218/727-7219
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	Six surface tracks serve three car pits, total capacity 250 cars; connect with CP and BNSF Railroads.		
Purpose:	Shipment of grain by-products, pellets and meal, including linseed, soybean and sunflower seeds.		
Depth Alongside (feet):	28	Latitude (decimal):	46.768889
Total Berthing Space (feet):	900	Longitude (decimal):	-92.10639
Waterway:	Duluth Harbor Basin	Mile:	PWD: 12
Name:	Cargill 'B-1' Dock.		
Port:	Lake Superior		
Location:	Approximately 500 feet above entrance to Superior Slip, west side of Duluth Harbor Basin.	Datum:	LWD
Operator:	Cargill, Inc.		
Owner:	Cargill, Inc.		
Address:	250 Garfield Avenue	Phone:	218/727-7219
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	Six surface tracks serve three car pits, total capacity 250 cars; connect with CP and BNSF Railroads.		
Purpose:	Shipment of grain by-products, pellets and meal, including linseed, soybean and sunflower seeds.		
Depth Alongside (feet):	28	Latitude (decimal):	46.768889
Total Berthing Space (feet):	900	Longitude (decimal):	-92.10639
Remarks:	Elevator has 172 concrete silos, total capacity 7,230,000 bushels; and 2 bulk commodities buildings with a combined capacity of 30,000 tons. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
Remarks:	Elevator has 172 concrete silos, total capacity 7,230,000 bushels; and 2 bulk commodities buildings with a combined capacity of 30,000 tons. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 12
Name:	Cargill 'B-1' Dock.		
Port:	Lake Superior		
Location:	Approximately 500 feet above entrance to Superior Slip, west side of Duluth Harbor Basin.	Datum:	LWD
Operator:	Cargill, Inc.		
Owner:	Cargill, Inc.		
Address:	250 Garfield Avenue	Phone:	218/727-7219
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	Six surface tracks serve three car pits, total capacity 250 cars; connect with CP and BNSF Railroads.		
Purpose:	Shipment of grain by-products, pellets and meal, including linseed, soybean and sunflower seeds.		
Depth Alongside (feet):	28	Latitude (decimal):	46.768889
Total Berthing Space (feet):	900	Longitude (decimal):	-92.10639
Waterway:	Duluth Harbor Basin	Mile:	PWD: 12
Name:	Cargill 'B-1' Dock.		
Port:	Lake Superior		
Location:	Approximately 500 feet above entrance to Superior Slip, west side of Duluth Harbor Basin.	Datum:	LWD
Operator:	Cargill, Inc.		
Owner:	Cargill, Inc.		
Address:	250 Garfield Avenue	Phone:	218/727-7219
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	Six surface tracks serve three car pits, total capacity 250 cars; connect with CP and BNSF Railroads.		
Purpose:	Shipment of grain by-products, pellets and meal, including linseed, soybean and sunflower seeds.		
Depth Alongside (feet):	28	Latitude (decimal):	46.768889
Total Berthing Space (feet):	900	Longitude (decimal):	-92.10639
Remarks:	Elevator has 172 concrete silos, total capacity 7,230,000 bushels; and 2 bulk commodities buildings with a combined capacity of 30,000 tons. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
Remarks:	Elevator has 172 concrete silos, total capacity 7,230,000 bushels; and 2 bulk commodities buildings with a combined capacity of 30,000 tons. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 13
Name:	Cargill 'B-2' Dock.		
Port:	Lake Superior		
Location:	Approximately 1,500 feet above entrance to Superior Slip, west side of Duluth Harbor Datum: LWD Basin.		
Operator:	Cargill, Inc.		
Owner:	Cargill, Inc.		
Address:	250 Garfield Avenue	Phone:	218/727-7219
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	Six surface tracks, one serving car dumper, connect with CP Railway Co. and Burlington Northern Santa Fe Railroad.		
Purpose:	Shipment of grain.		
Depth Alongside (feet):	27		Latitude (decimal): 46.766111
Total Berthing Space (feet):	1,050		Longitude (decimal): -92.105
Waterway:	Duluth Harbor Basin	Mile:	PWD: 13
Name:	Cargill 'B-2' Dock.		
Port:	Lake Superior		
Location:	Approximately 1,500 feet above entrance to Superior Slip, west side of Duluth Harbor Datum: LWD Basin.		
Operator:	Cargill, Inc.		
Owner:	Cargill, Inc.		
Address:	250 Garfield Avenue	Phone:	218/727-7219
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	Six surface tracks, one serving car dumper, connect with CP Railway Co. and Burlington Northern Santa Fe Railroad.		
Purpose:	Shipment of grain.		
Depth Alongside (feet):	27		Latitude (decimal): 46.766111
Total Berthing Space (feet):	1,050		Longitude (decimal): -92.105
Remarks:	Elevators 'H' consists of 48 concrete silos, capacity 1,300,000 bushels, and elevator 'I' consists of 16 steel tanks, capacity 1,040,000 bushels. Elevators 'H' and 'I', together with the storage facilities listed comprise the Cargill 'Elevator B' complex at Duluth.		
Port Series: 49	Year of Last Survey: 1999	Corps of Eng'rs Waterway Code: 79286	Detroit District
Remarks:	Elevators 'H' consists of 48 concrete silos, capacity 1,300,000 bushels, and elevator 'I' consists of 16 steel tanks, capacity 1,040,000 bushels. Elevators 'H' and 'I', together with the storage facilities listed comprise the Cargill 'Elevator B' complex at Duluth.		
Port Series: 49	Year of Last Survey: 1999	Corps of Eng'rs Waterway Code: 79286	Detroit District

Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 13
Name: Cargill 'B-2' Dock.		
Port: Lake Superior		
Location: Approximately 1,500 feet above entrance to Superior Slip, west side of Duluth Harbor Datum: LWD Basin.		
Operator: Cargill, Inc.		
Owner: Cargill, Inc.		
Address: 250 Garfield Avenue	Phone: 218/727-7219	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Six surface tracks, one serving car dumper, connect with CP Railway Co. and Burlington Northern Santa Fe Railroad.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 27		Latitude (decimal): 46.766111
Total Berthing Space (feet): 1,050		Longitude (decimal): -92.105

Waterway: Duluth Harbor Basin	Mile:	PWD: 13
Name: Cargill 'B-2' Dock.		
Port: Lake Superior		
Location: Approximately 1,500 feet above entrance to Superior Slip, west side of Duluth Harbor Datum: LWD Basin.		
Operator: Cargill, Inc.		
Owner: Cargill, Inc.		
Address: 250 Garfield Avenue	Phone: 218/727-7219	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Six surface tracks, one serving car dumper, connect with CP Railway Co. and Burlington Northern Santa Fe Railroad.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 27		Latitude (decimal): 46.766111
Total Berthing Space (feet): 1,050		Longitude (decimal): -92.105

Remarks: Elevators 'H' consists of 48 concrete silos, capacity 1,300,000 bushels, and elevator 'I' consists of 16 steel tanks, capacity 1,040,000 bushels. Elevators 'H' and 'I', together with the storage facilities listed comprise the Cargill 'Elevator B' complex at Duluth.

Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79286	Detroit District
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Remarks: Elevators 'H' consists of 48 concrete silos, capacity 1,300,000 bushels, and elevator 'I' consists of 16 steel tanks, capacity 1,040,000 bushels. Elevators 'H' and 'I', together with the storage facilities listed comprise the Cargill 'Elevator B' complex at Duluth.

Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79286	Detroit District
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Port Facilities by Waterway

Waterway: **Duluth Harbor Basin** Mile: PWD: 07
 Name: **City of Duluth, Slip No. 2.**
 Port: Lake Superior
 Location: North side of Duluth Harbor Basin, at foot of 8th Ave. West, extended. Datum: LWD
 Operator: Not operated.
 Owner: City of Duluth
 Address: 8th Avenue West and Railroad Street Phone: 218/727-8525
 Town: Duluth State: MN County: St. Louis
 Railway Connection: None.
 Purpose: Not used.
 Depth Alongside (feet): 17 - 25 | | Latitude (decimal): 46.7775
 Total Berthing Space (feet): 850 | | Longitude (decimal): -92.10278
 Remarks: At time of survey (1999), extensive demolition in the surrounding area was underway. Tentative plans call for future use of Slip 2 as a marina as part of a new waterfront municipal park.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Waterway: **Duluth Harbor Basin** Mile: PWD: 09
 Name: **Cutler-Magner Co., Salt Plant Wharf.**
 Port: Lake Superior
 Location: North side of Slip C, Duluth Harbor Basin, between foot of 11th and 13th Avenues West, extended. Datum: LWD
 Operator: Culter-Magner Co.
 Owner: Cutler-Magner Co.
 Address: 12th Avenue West and Railroad Street Phone: 218/722-3981
 Town: Duluth State: MN County: St. Louis
 Railway Connection: Two platform-level tracks in rear of processing buildings connect with BNSF and UP Railroads.
 Purpose: Receipt of dry bulk rock salt, calcium chloride, and evaporated salt by self-unloading vessels; mooring vessels.
 Depth Alongside (feet): 24 | | Latitude (decimal): 46.774167
 Total Berthing Space (feet): 900 | | Longitude (decimal): -92.10639
 Remarks: Storage buildings located at rear have capacity for 55,000 tons of rock salt, 55,000 tons of evaporated salt, and 9,000 tons of calcium chloride; with open storage for 30,000 tons of rock salt.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: **Duluth Harbor Basin** Mile: PWD: 10
 Name: **Duluth Timber Co., Duluth Wood Reclamation Yard Wharf.**
 Port: Lake Superior
 Location: South side of Slip C, inner end of Rices Point, west side of Duluth Harbor Basin. Datum: LWD
 Operator: Duluth Timber Co.
 Owner: Duluth Timber Co.
 Address: 13th Avenue West and Railroad Street. Phone: 218/727-2145
 Town: Duluth State: MN County: St. Louis
 Railway Connection: Two surface tracks, total length 3,000 feet; connect with BNSF Railroad.
 Purpose: Mooring miscellaneous vessels.
 Depth Alongside (feet): 11 - 26 | 12 - 23 | Latitude (decimal): 46.773611
 Total Berthing Space (feet): - | 1600 | Longitude (decimal): -92.10639
 Remarks: Approximately 20 acres of open storage area is located at rear. Transit shed located at rear of upper wharf is no longer used for commercial maritime purposes.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Waterway: **Duluth Harbor Basin** Mile: PWD: 06
 Name: **Duluth-Superior Excursion Co., Harbor Drive Duluth Wharf.**
 Port: Lake Superior
 Location: North side of Duluth Harbor Basin, fronting Harbor Drive. Datum: LWD
 Operator: City of Duluth and Duluth-Superior Excursion Co., Inc.
 Owner: City of Duluth
 Address: Harbor Drive. Phone: 218/722-6218
 Town: Duluth State: MN County: St. Louis
 Railway Connection: None.
 Purpose: Landing for passengers, mooring excursion vessel.
 Depth Alongside (feet): 14 | | Latitude (decimal): 46.780556
 Total Berthing Space (feet): 170 | | Longitude (decimal): -92.09667
 Remarks: Duluth-Superior Excursion Co. operates east end of face and outer end of slip for mooring 'Vista Star' and 'Vista King' excursion vessels. Ticket office, gift shop, and City of Duluth Entertainment and Conventio in rear.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: **Duluth Harbor Basin** Mile: PWD: 11

Name: **General Mills, Elevator A Wharf.**

Port: Lake Superior

Location: Lower side of Superior Slip, inner end of Rices Point, west side of Duluth Harbor Basin. Datum: LWD

Operator: General Mills, Inc.

Owner: Burlington Northern Santa Fe Railroad.

Address: 200 Garfield Avenue. Phone: 218/722-7759

Town: Duluth State: MN County: St. Louis

Railway Connection: BNSF Railroad: Six surface tracks serve elevator, total capacity 224 cars; 2 tracks extend through car shed serving 2 carloading spouts and 7 unloading pits.

Purpose: Shipment of grain; receipt of grain by self-unloading vessels.

Depth Alongside (feet): 28 | | Latitude (decimal): 46.77

Total Berthing Space (feet): 1,982 | | Longitude (decimal): -92.11056

Remarks: Grain elevator has 64 concrete silos with 48 interstices, 5 steel tanks, and one tile storage building, total storage capacity 3,500,000 bushels. Grain bagging facility, equipped with automatic pelletizer machine capacity for 25,000 tons of bagged cargo.

Port Series: 49 Year of Last Survey: 1999 Corps of Engrs Waterway Code: 79286 Detroit District

Waterway: **Duluth Harbor Basin** Mile: PWD: 08

Name: **Lafarge Corporation, Duluth Cement Dock.**

Port: Lake Superior

Location: Upper side of Slip No. 3, north side of Duluth Harbor Basin, between foot of 8th and 9th Avenues West, e Datum: LWD

Operator: Lafarge Corporation

Owner: Lafarge Corporation

Address: 8th Avenue West and Railroad Street Phone: 218/727-2493

Town: Duluth State: MN County: St. Louis

Railway Connection: Two surface tracks serve silos; connect with BNSF, UP, and CP Railroads.

Purpose: Receipt of bulk cement by self-unloading vessel.

Depth Alongside (feet): 17 - 25 | | Latitude (decimal): 46.776111

Total Berthing Space (feet): 700 | | Longitude (decimal): -92.10333

Remarks: Two 10-inch, pneumatic pipelines extend from wharf to four concrete, cement storage silos with one interstice, total capacity 13,500 tons. □

Port Series: 49 Year of Last Survey: 1999 Corps of Engrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 05
Name:	Minnesota Slip Charter Fishing, Excursion, and Exhibition Vessel M		
Port:	Lake Superior		
Location:	Minnesota Slip, north side of Duluth Harbor Basin, between foot of Buchanan and Sutphin Streets, extended	Datum:	LWD
Operator:	Marine Iron and Ship Building Co. and City of Duluth.		
Owner:	Marine Iron and Ship Building Co. and City of Duluth.		
Address:	329 Lake Avenue South.	Phone:	218/722-0571
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring vessels, landing for passengers and exhibition vessel tourists.		
Depth Alongside (feet):	16 16	Latitude (decimal):	46.7825
Total Berthing Space (feet):	400 1,850	Longitude (decimal):	-92.09667
Remarks:	Inner 400 feet of east side of slip has ten 31-feet-long by 5-feet-wide, steel-trussed, timber-decked floating finger piers for mooring charter fishing vessels. West side of slip provides mooring for the exhibit 'William A. Irvin', the exhibition Army tug 'Lake Superior', and the excursion vessel 'Vista Star'. In 1992, a pedestrian draw bridge was constructed across the outer end of the slip.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Eng'rs Waterway Code:	79286
			Detroit District
Waterway:	Duluth Harbor Basin	Mile:	PWD: 14
Name:	Northland Bituminous, Inc., Northland Pier.		
Port:	Lake Superior		
Location:	Approximately 2,000 feet above entrance to Superior Slip, west side of Duluth Harbor Basin.	Datum:	LWD
Operator:	Northland Bituminous, Inc., a subsidiary of Northland Constructors.		
Owner:	Northland Bituminous, Inc., a subsidiary of Northland Constructors.		
Address:	35 E. Birch St.	Phone:	218/722-0995
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	Two surface tracks located at rear of each side connect with CP Railroad, not in use at time of survey (1999).		
Purpose:	Receipt of sand, gravel, and taconite tailings by self-unloading vessel.		
Depth Alongside (feet):	21 - 24 24 - 26 21 - 9	Latitude (decimal):	46.765278
Total Berthing Space (feet):	- 2,030 -	Longitude (decimal):	-92.10306
Remarks:	Inner end of north side of pier provides mooring space for idle floating plant owned by Marineteck, a division of Northland Constructors. At time of survey (1999), the south side of the pier was not in use for c purposes. Open storage area has capacity for 155,000 tons of aggregate. An asphalt batch plant is located at rear.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Eng'rs Waterway Code:	79286
			Detroit District

Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 17
Name: Seaway Port Authority of Duluth, Garfield C Dock.		
Port: Lake Superior		
Location: Upper side of 2nd slip from outer end of Rices Point, west side of Duluth Harbor Basin.	Datum: LWD	
Operator: Not operated.		
Owner: Seaway Port Authority of Duluth.		
Address: 250 Garfield Avenue	Phone: 218/727-8525	
Town: Duluth State: MN	County: St. Louis	
Railway Connection: Five surface tracks, connect with CP Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 28	Latitude (decimal): 46.761667	
Total Berthing Space (feet): 1,200	Longitude (decimal): -92.10083	

Waterway: Duluth Harbor Basin	Mile:	PWD: 17
Name: Seaway Port Authority of Duluth, Garfield C Dock.		
Port: Lake Superior		
Location: Upper side of 2nd slip from outer end of Rices Point, west side of Duluth Harbor Basin.	Datum: LWD	
Operator: Not operated.		
Owner: Seaway Port Authority of Duluth.		
Address: 250 Garfield Avenue	Phone: 218/727-8525	
Town: Duluth State: MN	County: St. Louis	
Railway Connection: Five surface tracks, connect with CP Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 28	Latitude (decimal): 46.761667	
Total Berthing Space (feet): 1,200	Longitude (decimal): -92.10083	

Remarks: At time of survey (1999), the grain elevators at this facility were being demolished. ☐

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Remarks: At time of survey (1999), the grain elevators at this facility were being demolished. ☐

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 17
Name: Seaway Port Authority of Duluth, Garfield C Dock.		
Port: Lake Superior		
Location: Upper side of 2nd slip from outer end of Rices Point, west side of Duluth Harbor Basin.	Datum: LWD	
Operator: Not operated.		
Owner: Seaway Port Authority of Duluth.		
Address: 250 Garfield Avenue	Phone: 218/727-8525	
Town: Duluth State: MN	County: St. Louis	
Railway Connection: Five surface tracks, connect with CP Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 28	Latitude (decimal): 46.761667	
Total Berthing Space (feet): 1,200	Longitude (decimal): -92.10083	

Waterway: Duluth Harbor Basin	Mile:	PWD: 17
Name: Seaway Port Authority of Duluth, Garfield C Dock.		
Port: Lake Superior		
Location: Upper side of 2nd slip from outer end of Rices Point, west side of Duluth Harbor Basin.	Datum: LWD	
Operator: Not operated.		
Owner: Seaway Port Authority of Duluth.		
Address: 250 Garfield Avenue	Phone: 218/727-8525	
Town: Duluth State: MN	County: St. Louis	
Railway Connection: Five surface tracks, connect with CP Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 28	Latitude (decimal): 46.761667	
Total Berthing Space (feet): 1,200	Longitude (decimal): -92.10083	

Remarks: At time of survey (1999), the grain elevators at this facility were being demolished. ☐

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Remarks: At time of survey (1999), the grain elevators at this facility were being demolished. ☐

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 18
Name: Seaway Port Authority of Duluth, Garfield D Dock.		
Port: Lake Superior		
Location: Lower side of 1st slip from outer end of Rices Point, west side of Duluth Harbor Basin. Datum: LWD		
Operator: Seaway Port Authority of Duluth.		
Owner: Seaway Port Authority of Duluth.		
Address: 250 Garfield Avenue	Phone: 218/727-8525	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Four surface tracks extend along rear of face; connect with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 27		Latitude (decimal): 46.760278
Total Berthing Space (feet): 775		Longitude (decimal): -92.09972

Waterway: Duluth Harbor Basin	Mile:	PWD: 18
Name: Seaway Port Authority of Duluth, Garfield D Dock.		
Port: Lake Superior		
Location: Lower side of 1st slip from outer end of Rices Point, west side of Duluth Harbor Basin. Datum: LWD		
Operator: Seaway Port Authority of Duluth.		
Owner: Seaway Port Authority of Duluth.		
Address: 250 Garfield Avenue	Phone: 218/727-8525	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Four surface tracks extend along rear of face; connect with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 27		Latitude (decimal): 46.760278
Total Berthing Space (feet): 775		Longitude (decimal): -92.09972

Remarks: At time of survey (1999), the elevators at this facility were being demolished. Outer part of wharf serves as stand-by mooring for four harbor tugs owned by the Great Lakes Towing Company.

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Remarks: At time of survey (1999), the elevators at this facility were being demolished. Outer part of wharf serves as stand-by mooring for four harbor tugs owned by the Great Lakes Towing Company.

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Port Facilities by Waterway

Waterway: Duluth Harbor Basin	Mile:	PWD: 18
Name: Seaway Port Authority of Duluth, Garfield D Dock.		
Port: Lake Superior		
Location: Lower side of 1st slip from outer end of Rices Point, west side of Duluth Harbor Basin. Datum: LWD		
Operator: Seaway Port Authority of Duluth.		
Owner: Seaway Port Authority of Duluth.		
Address: 250 Garfield Avenue	Phone: 218/727-8525	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Four surface tracks extend along rear of face; connect with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 27		Latitude (decimal): 46.760278
Total Berthing Space (feet): 775		Longitude (decimal): -92.09972

Waterway: Duluth Harbor Basin	Mile:	PWD: 18
Name: Seaway Port Authority of Duluth, Garfield D Dock.		
Port: Lake Superior		
Location: Lower side of 1st slip from outer end of Rices Point, west side of Duluth Harbor Basin. Datum: LWD		
Operator: Seaway Port Authority of Duluth.		
Owner: Seaway Port Authority of Duluth.		
Address: 250 Garfield Avenue	Phone: 218/727-8525	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Four surface tracks extend along rear of face; connect with CP Railroad.		
Purpose: Mooring vessels.		
Depth Alongside (feet): 27		Latitude (decimal): 46.760278
Total Berthing Space (feet): 775		Longitude (decimal): -92.09972

Remarks: At time of survey (1999), the elevators at this facility were being demolished. Outer part of wharf serves as stand-by mooring for four harbor tugs owned by the Great Lakes Towing Company.

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Remarks: At time of survey (1999), the elevators at this facility were being demolished. Outer part of wharf serves as stand-by mooring for four harbor tugs owned by the Great Lakes Towing Company.

Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
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Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 04
Name:	U.S. Army Corps of Engineers, North Pier.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, below foot of South 9th Street, extended.	Datum:	LWD
Operator:	U.S. Army Corps of Engineers		
Owner:	United States Government		
Address:	Foot of South 9th Street.	Phone:	218/720-5260
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Corps of Engineers floating plant.		
Depth Alongside (feet):	12 12 -	Latitude (decimal):	46.775833
Total Berthing Space (feet):	384	Longitude (decimal):	-92.09333
Waterway:	Duluth Harbor Basin	Mile:	PWD: 04
Name:	U.S. Army Corps of Engineers, North Pier.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, below foot of South 9th Street, extended.	Datum:	LWD
Operator:	U.S. Army Corps of Engineers		
Owner:	United States Government		
Address:	Foot of South 9th Street.	Phone:	218/720-5260
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Corps of Engineers floating plant.		
Depth Alongside (feet):	12 12 -	Latitude (decimal):	46.775833
Total Berthing Space (feet):	384	Longitude (decimal):	-92.09333
Remarks:	South side of pier forms 200-foot wide slip with Ref. No. 3; additional berthing space available along concrete-capped steel sheet pile bulkhead located at head of slip.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engnrs Waterway Code:	79286
			Detroit District
Remarks:	South side of pier forms 200-foot wide slip with Ref. No. 3; additional berthing space available along concrete-capped steel sheet pile bulkhead located at head of slip.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engnrs Waterway Code:	79286
			Detroit District

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 04
Name:	U.S. Army Corps of Engineers, North Pier.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, below foot of South 9th Street, extended.	Datum:	LWD
Operator:	U.S. Army Corps of Engineers		
Owner:	United States Government		
Address:	Foot of South 9th Street.	Phone:	218/720-5260
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Corps of Engineers floating plant.		
Depth Alongside (feet):	12 12 -	Latitude (decimal):	46.775833
Total Berthing Space (feet):	384	Longitude (decimal):	-92.09333
Waterway:	Duluth Harbor Basin	Mile:	PWD: 04
Name:	U.S. Army Corps of Engineers, North Pier.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, below foot of South 9th Street, extended.	Datum:	LWD
Operator:	U.S. Army Corps of Engineers		
Owner:	United States Government		
Address:	Foot of South 9th Street.	Phone:	218/720-5260
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Corps of Engineers floating plant.		
Depth Alongside (feet):	12 12 -	Latitude (decimal):	46.775833
Total Berthing Space (feet):	384	Longitude (decimal):	-92.09333
Remarks:	South side of pier forms 200-foot wide slip with Ref. No. 3; additional berthing space available along concrete-capped steel sheet pile bulkhead located at head of slip.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engnrs Waterway Code:	79286
			Detroit District
Remarks:	South side of pier forms 200-foot wide slip with Ref. No. 3; additional berthing space available along concrete-capped steel sheet pile bulkhead located at head of slip.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engnrs Waterway Code:	79286
			Detroit District

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 03
Name:	U.S. Army Corps of Engineers, South Pier.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, below foot of South 9th Street, extended.	Datum:	LWD
Operator:	U.S. Army Corps of Engineers		
Owner:	United States Government		
Address:	Foot of South 9th Street.	Phone:	218/720-5260
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None		
Purpose:	Mooring and repair of Corps of Engineers floating plant; mooring other vessels owned by public entities; handling materials and equipment.		
Depth Alongside (feet):	12 12 12	Latitude (decimal):	46.775
Total Berthing Space (feet):	79 441 351	Longitude (decimal):	-92.09306
Waterway:	Duluth Harbor Basin	Mile:	PWD: 03
Name:	U.S. Army Corps of Engineers, South Pier.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, below foot of South 9th Street, extended.	Datum:	LWD
Operator:	U.S. Army Corps of Engineers		
Owner:	United States Government		
Address:	Foot of South 9th Street.	Phone:	218/720-5260
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None		
Purpose:	Mooring and repair of Corps of Engineers floating plant; mooring other vessels owned by public entities; handling materials and equipment.		
Depth Alongside (feet):	12 12 12	Latitude (decimal):	46.775
Total Berthing Space (feet):	79 441 351	Longitude (decimal):	-92.09306
Remarks:	Warehouses, carpenter and machine shops located at rear.□□		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
Remarks:	Warehouses, carpenter and machine shops located at rear.□□		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 03
Name:	U.S. Army Corps of Engineers, South Pier.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, below foot of South 9th Street, extended.	Datum:	LWD
Operator:	U.S. Army Corps of Engineers		
Owner:	United States Government		
Address:	Foot of South 9th Street.	Phone:	218/720-5260
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None		
Purpose:	Mooring and repair of Corps of Engineers floating plant; mooring other vessels owned by public entities; handling materials and equipment.		
Depth Alongside (feet):	12 12 12	Latitude (decimal):	46.775
Total Berthing Space (feet):	79 441 351	Longitude (decimal):	-92.09306
Waterway:	Duluth Harbor Basin	Mile:	PWD: 03
Name:	U.S. Army Corps of Engineers, South Pier.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, below foot of South 9th Street, extended.	Datum:	LWD
Operator:	U.S. Army Corps of Engineers		
Owner:	United States Government		
Address:	Foot of South 9th Street.	Phone:	218/720-5260
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None		
Purpose:	Mooring and repair of Corps of Engineers floating plant; mooring other vessels owned by public entities; handling materials and equipment.		
Depth Alongside (feet):	12 12 12	Latitude (decimal):	46.775
Total Berthing Space (feet):	79 441 351	Longitude (decimal):	-92.09306
Remarks:	Warehouses, carpenter and machine shops located at rear.□□		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engnrs Waterway Code:	79286
			Detroit District
Remarks:	Warehouses, carpenter and machine shops located at rear.□□		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engnrs Waterway Code:	79286
			Detroit District

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 02
Name:	U.S. Coast Guard Station, Duluth Life Boat Dock.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, between foot of South 12th and South 13th Streets ext	Datum:	LWD
Operator:	U.S. Coast Guard		
Owner:	United States Government		
Address:	1201 Minnesota Avenue	Phone:	218/720-5412
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Coast Guard vessels, handling of supplies.		
Depth Alongside (feet):	10 - 12	Latitude (decimal):	46.771667
Total Berthing Space (feet):	60	Longitude (decimal):	-92.09083
Waterway:	Duluth Harbor Basin	Mile:	PWD: 02
Name:	U.S. Coast Guard Station, Duluth Life Boat Dock.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, between foot of South 12th and South 13th Streets ext	Datum:	LWD
Operator:	U.S. Coast Guard		
Owner:	United States Government		
Address:	1201 Minnesota Avenue	Phone:	218/720-5412
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Coast Guard vessels, handling of supplies.		
Depth Alongside (feet):	10 - 12	Latitude (decimal):	46.771667
Total Berthing Space (feet):	60	Longitude (decimal):	-92.09083
Remarks:	North pier is one of two steel pile, steel grating-decked runways forming 20-foot-wide slip for 40-ton, mobile, vertical boat lift. At time of survey (1999), plans call for extending the length of the southern-m feet to moor a new 47-foot motor life boat.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
Remarks:	North pier is one of two steel pile, steel grating-decked runways forming 20-foot-wide slip for 40-ton, mobile, vertical boat lift. At time of survey (1999), plans call for extending the length of the southern-m feet to moor a new 47-foot motor life boat.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 02
Name:	U.S. Coast Guard Station, Duluth Life Boat Dock.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, between foot of South 12th and South 13th Streets ext	Datum:	LWD
Operator:	U.S. Coast Guard		
Owner:	United States Government		
Address:	1201 Minnesota Avenue	Phone:	218/720-5412
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Coast Guard vessels, handling of supplies.		
Depth Alongside (feet):	10 - 12	Latitude (decimal):	46.771667
Total Berthing Space (feet):	60	Longitude (decimal):	-92.09083
Waterway:	Duluth Harbor Basin	Mile:	PWD: 02
Name:	U.S. Coast Guard Station, Duluth Life Boat Dock.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, between foot of South 12th and South 13th Streets ext	Datum:	LWD
Operator:	U.S. Coast Guard		
Owner:	United States Government		
Address:	1201 Minnesota Avenue	Phone:	218/720-5412
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Coast Guard vessels, handling of supplies.		
Depth Alongside (feet):	10 - 12	Latitude (decimal):	46.771667
Total Berthing Space (feet):	60	Longitude (decimal):	-92.09083
Remarks:	North pier is one of two steel pile, steel grating-decked runways forming 20-foot-wide slip for 40-ton, mobile, vertical boat lift. At time of survey (1999), plans call for extending the length of the southern-m feet to moor a new 47-foot motor life boat.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District
Remarks:	North pier is one of two steel pile, steel grating-decked runways forming 20-foot-wide slip for 40-ton, mobile, vertical boat lift. At time of survey (1999), plans call for extending the length of the southern-m feet to moor a new 47-foot motor life boat.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 01
Name:	U.S. Coast Guard Station, Duluth Wharf.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, between foot of South 12th and South 13th Streets, ex	Datum:	LWD
Operator:	U.S. Coast Guard		
Owner:	United States Government		
Address:	1201 Minnesota Avenue	Phone:	218/720-5412
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Coast Guard vessels; handling buoys and supplies.		
Depth Alongside (feet):	14 - 20	Latitude (decimal):	46.771111
Total Berthing Space (feet):	330	Longitude (decimal):	-92.09139
Waterway:	Duluth Harbor Basin	Mile:	PWD: 01
Name:	U.S. Coast Guard Station, Duluth Wharf.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, between foot of South 12th and South 13th Streets, ex	Datum:	LWD
Operator:	U.S. Coast Guard		
Owner:	United States Government		
Address:	1201 Minnesota Avenue	Phone:	218/720-5412
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Coast Guard vessels; handling buoys and supplies.		
Depth Alongside (feet):	14 - 20	Latitude (decimal):	46.771111
Total Berthing Space (feet):	330	Longitude (decimal):	-92.09139
Remarks:	U.S.C.G. Buoy Tender 'Sundew' berths at outer end. Inner end forms 40-foot wide-slip with adjacent Life Boat Dock (Ref. No. 2). At time of survey (1999), plans call for construction of a vessel fueling system t the south pier of the Life Boat Dock, with 1 1/2-inch fuel lines extending to a 22 barrel steel diesel storage tank located at rear. In addition, a 3-inch vessel sewage discharge line is under construction at the whar		
Port Series:	49	Year of Last Survey:	1999
Corps of Engnrs Waterway Code:	79286	Detroit District	
Remarks:	U.S.C.G. Buoy Tender 'Sundew' berths at outer end. Inner end forms 40-foot wide-slip with adjacent Life Boat Dock (Ref. No. 2). At time of survey (1999), plans call for construction of a vessel fueling system t the south pier of the Life Boat Dock, with 1 1/2-inch fuel lines extending to a 22 barrel steel diesel storage tank located at rear. In addition, a 3-inch vessel sewage discharge line is under construction at the whar		
Port Series:	49	Year of Last Survey:	1999
Corps of Engnrs Waterway Code:	79286	Detroit District	

Port Facilities by Waterway

Waterway:	Duluth Harbor Basin	Mile:	PWD: 01
Name:	U.S. Coast Guard Station, Duluth Wharf.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, between foot of South 12th and South 13th Streets, ex	Datum:	LWD
Operator:	U.S. Coast Guard		
Owner:	United States Government		
Address:	1201 Minnesota Avenue	Phone:	218/720-5412
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Coast Guard vessels; handling buoys and supplies.		
Depth Alongside (feet):	14 - 20	Latitude (decimal):	46.771111
Total Berthing Space (feet):	330	Longitude (decimal):	-92.09139
Waterway:	Duluth Harbor Basin	Mile:	PWD: 01
Name:	U.S. Coast Guard Station, Duluth Wharf.		
Port:	Lake Superior		
Location:	North end of Minnesota Point, Duluth Harbor Basin, between foot of South 12th and South 13th Streets, ex	Datum:	LWD
Operator:	U.S. Coast Guard		
Owner:	United States Government		
Address:	1201 Minnesota Avenue	Phone:	218/720-5412
Town:	Duluth	State:	MN
		County:	St. Louis
Railway Connection:	None.		
Purpose:	Mooring and repair of Coast Guard vessels; handling buoys and supplies.		
Depth Alongside (feet):	14 - 20	Latitude (decimal):	46.771111
Total Berthing Space (feet):	330	Longitude (decimal):	-92.09139
Remarks:	U.S.C.G. Buoy Tender 'Sundew' berths at outer end. Inner end forms 40-foot wide-slip with adjacent Life Boat Dock (Ref. No. 2). At time of survey (1999), plans call for construction of a vessel fueling system t the south pier of the Life Boat Dock, with 1 1/2-inch fuel lines extending to a 22 barrel steel diesel storage tank located at rear. In addition, a 3-inch vessel sewage discharge line is under construction at the whar		
Port Series:	49	Year of Last Survey:	1999
Corps of Engnrs Waterway Code:	79286	Detroit District	
Remarks:	U.S.C.G. Buoy Tender 'Sundew' berths at outer end. Inner end forms 40-foot wide-slip with adjacent Life Boat Dock (Ref. No. 2). At time of survey (1999), plans call for construction of a vessel fueling system t the south pier of the Life Boat Dock, with 1 1/2-inch fuel lines extending to a 22 barrel steel diesel storage tank located at rear. In addition, a 3-inch vessel sewage discharge line is under construction at the whar		
Port Series:	49	Year of Last Survey:	1999
Corps of Engnrs Waterway Code:	79286	Detroit District	

Port Facilities by Waterway

Waterway: East Gate Basin	Mile:	PWD: 24
Name: Arthur M. Clure Public Marine Terminal Berth No. 7		
Port: Lake Superior		
Location: North bank of East Gate Basin, end of Rices Point, approximately 1,000 feet below John A. Blatnik Bridge		Datum: LWD
Operator: St. Lawrence Cement Co.		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive.		Phone: 218/726-1371
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.		
Purpose: Receipt of cement.		
Depth Alongside (feet): 27		Latitude (decimal): 46.751667
Total Berthing Space (feet): 696		Longitude (decimal): -92.11472

Waterway: East Gate Basin	Mile:	PWD: 24
Name: Arthur M. Clure Public Marine Terminal Berth No. 7		
Port: Lake Superior		
Location: North bank of East Gate Basin, end of Rices Point, approximately 1,000 feet below John A. Blatnik Bridge		Datum: LWD
Operator: St. Lawrence Cement Co.		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive.		Phone: 218/726-1371
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.		
Purpose: Receipt of cement.		
Depth Alongside (feet): 27		Latitude (decimal): 46.751667
Total Berthing Space (feet): 696		Longitude (decimal): -92.11472

Waterway: East Gate Basin	Mile:	PWD: 24
Name: Arthur M. Clure Public Marine Terminal Berth No. 7		
Port: Lake Superior		
Location: North bank of East Gate Basin, end of Rices Point, approximately 1,000 feet below John A. Blatnik Bridge		Datum: LWD
Operator: St. Lawrence Cement Co.		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive.		Phone: 218/726-1371
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.		
Purpose: Receipt of cement.		
Depth Alongside (feet): 27		Latitude (decimal): 46.751667
Total Berthing Space (feet): 696		Longitude (decimal): -92.11472

Port Facilities by Waterway

Waterway:	East Gate Basin			Mile:	PWD: 24
Name:	Arthur M. Clure Public Marine Terminal Berth No. 7				
Port:	Lake Superior				
Location:	North bank of East Gate Basin, end of Rices Point, approximately 1,000 feet below John A. Blatnik Bridge			Datum:	LWD
Operator:	St. Lawrence Cement Co.				
Owner:	Seaway Port Authority of Duluth				
Address:	1100 Port Terminal Drive.			Phone:	218/726-1371
Town:	Duluth	State:	MN	County:	St. Louis
Railway Connection:	One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.				
Purpose:	Receipt of cement.				
Depth Alongside (feet):	27			Latitude (decimal):	46.751667
Total Berthing Space (feet):	696			Longitude (decimal):	-92.11472
Waterway:	East Gate Basin			Mile:	PWD: 24
Name:	Arthur M. Clure Public Marine Terminal Berth No. 7				
Port:	Lake Superior				
Location:	North bank of East Gate Basin, end of Rices Point, approximately 1,000 feet below John A. Blatnik Bridge			Datum:	LWD
Operator:	St. Lawrence Cement Co.				
Owner:	Seaway Port Authority of Duluth				
Address:	1100 Port Terminal Drive.			Phone:	218/726-1371
Town:	Duluth	State:	MN	County:	St. Louis
Railway Connection:	One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.				
Purpose:	Receipt of cement.				
Depth Alongside (feet):	27			Latitude (decimal):	46.751667
Total Berthing Space (feet):	696			Longitude (decimal):	-92.11472
Waterway:	East Gate Basin			Mile:	PWD: 24
Name:	Arthur M. Clure Public Marine Terminal Berth No. 7				
Port:	Lake Superior				
Location:	North bank of East Gate Basin, end of Rices Point, approximately 1,000 feet below John A. Blatnik Bridge			Datum:	LWD
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Depth Alongside (feet):	27			Latitude (decimal):	46.751667
Total Berthing Space (feet):	696			Longitude (decimal):	-92.11472
Remarks:	Wharf is in line and contiguous with Berth 6 (Ref. No. 23) providing 1,392 feet of continuous berthing space. Four concrete cement storage silos with one interstice have total capacity of 43,000 tons.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79286	Detroit District		
Remarks: Wharf is in line and contiguous with Berth 6 (Ref. No. 23) providing 1,392 feet of continuous berthing space. Four concrete cement storage silos with one interstice have total capacity of 43,000 tons.					
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79286	Detroit District		

Port Facilities by Waterway

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Port Facilities by Waterway

Waterway: East Gate Basin	Mile:	PWD: 24
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Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.		
Purpose: Receipt of cement.		
Depth Alongside (feet): 27		Latitude (decimal): 46.751667
Total Berthing Space (feet): 696		Longitude (decimal): -92.11472

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Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79286			Detroit District
Remarks: Wharf is in line and contiguous with Berth 6 (Ref. No. 23) providing 1,392 feet of continuous berthing space. Four concrete cement storage silos with one interstice have total capacity of 43,000 tons.					
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79286			Detroit District

Port Facilities by Waterway

Remarks: Wharf is in line and contiguous with Berth 6 (Ref. No. 23) providing 1,392 feet of continuous berthing space. Four concrete cement storage silos with one interstice have total capacity of 43,000 tons.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Remarks: Wharf is in line and contiguous with Berth 6 (Ref. No. 23) providing 1,392 feet of continuous berthing space. Four concrete cement storage silos with one interstice have total capacity of 43,000 tons.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Remarks: Wharf is in line and contiguous with Berth 6 (Ref. No. 23) providing 1,392 feet of continuous berthing space. Four concrete cement storage silos with one interstice have total capacity of 43,000 tons.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: East Gate Basin	Mile:	PWD: 24
Name: Arthur M. Clure Public Marine Terminal Berth No. 7		
Port: Lake Superior		
Location: North bank of East Gate Basin, end of Rices Point, approximately 1,000 feet below John A. Blatnik Bridge		Datum: LWD
Operator: St. Lawrence Cement Co.		
Owner: Seaway Port Authority of Duluth		
Address: 1100 Port Terminal Drive.		Phone: 218/726-1371
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.		
Purpose: Receipt of cement.		
Depth Alongside (feet): 27		Latitude (decimal): 46.751667
Total Berthing Space (feet): 696		Longitude (decimal): -92.11472

Waterway: East Gate Basin	Mile:	PWD: 24
Name: Arthur M. Clure Public Marine Terminal Berth No. 7		
Port: Lake Superior		
Location: North bank of East Gate Basin, end of Rices Point, approximately 1,000 feet below John A. Blatnik Bridge		Datum: LWD
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Town: Duluth	State: MN	County: St. Louis
Railway Connection: One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.		
Purpose: Receipt of cement.		
Depth Alongside (feet): 27		Latitude (decimal): 46.751667
Total Berthing Space (feet): 696		Longitude (decimal): -92.11472

Waterway: East Gate Basin	Mile:	PWD: 24
Name: Arthur M. Clure Public Marine Terminal Berth No. 7		
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Railway Connection: One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.		
Purpose: Receipt of cement.		
Depth Alongside (feet): 27		Latitude (decimal): 46.751667
Total Berthing Space (feet): 696		Longitude (decimal): -92.11472

Port Facilities by Waterway

Waterway:	East Gate Basin			Mile:	PWD: 24
Name:	Arthur M. Clure Public Marine Terminal Berth No. 7				
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Owner:	Seaway Port Authority of Duluth				
Address:	1100 Port Terminal Drive.		Phone: 218/726-1371		
Town:	Duluth	State: MN	County: St. Louis		
Railway Connection:	One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.				
Purpose:	Receipt of cement.				
Depth Alongside (feet):	27			Latitude (decimal):	46.751667
Total Berthing Space (feet):	696			Longitude (decimal):	-92.11472
Waterway:	East Gate Basin			Mile:	PWD: 24
Name:	Arthur M. Clure Public Marine Terminal Berth No. 7				
Port:	Lake Superior				
Location:	North bank of East Gate Basin, end of Rices Point, approximately 1,000 feet below John A. Blatnik Bridge				Datum: LWD
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Owner:	Seaway Port Authority of Duluth				
Address:	1100 Port Terminal Drive.		Phone: 218/726-1371		
Town:	Duluth	State: MN	County: St. Louis		
Railway Connection:	One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.				
Purpose:	Receipt of cement.				
Depth Alongside (feet):	27			Latitude (decimal):	46.751667
Total Berthing Space (feet):	696			Longitude (decimal):	-92.11472
Waterway:	East Gate Basin			Mile:	PWD: 24
Name:	Arthur M. Clure Public Marine Terminal Berth No. 7				
Port:	Lake Superior				
Location:	North bank of East Gate Basin, end of Rices Point, approximately 1,000 feet below John A. Blatnik Bridge				Datum: LWD
Operator:	St. Lawrence Cement Co.				
Owner:	Seaway Port Authority of Duluth				
Address:	1100 Port Terminal Drive.		Phone: 218/726-1371		
Town:	Duluth	State: MN	County: St. Louis		
Railway Connection:	One surface track serving car loading chute, joins additional trackage serving terminal; connects with CP Railroad.				
Purpose:	Receipt of cement.				
Depth Alongside (feet):	27			Latitude (decimal):	46.751667
Total Berthing Space (feet):	696			Longitude (decimal):	-92.11472
Remarks:	Wharf is in line and contiguous with Berth 6 (Ref. No. 23) providing 1,392 feet of continuous berthing space. Four concrete cement storage silos with one interstice have total capacity of 43,000 tons.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79286	Detroit District		
Remarks: Wharf is in line and contiguous with Berth 6 (Ref. No. 23) providing 1,392 feet of continuous berthing space. Four concrete cement storage silos with one interstice have total capacity of 43,000 tons.					
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79286	Detroit District		

Port Facilities by Waterway

Remarks: Wharf is in line and contiguous with Berth 6 (Ref. No. 23) providing 1,392 feet of continuous berthing space. Four concrete cement storage silos with one interstice have total capacity of 43,000 tons.

Port Series: 49 Year of Last Survey: 1999 Corps of Engrs Waterway Code: 79286 Detroit District

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Port Series: 49 Year of Last Survey: 1999 Corps of Engrs Waterway Code: 79286 Detroit District

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Port Series: 49 Year of Last Survey: 1999 Corps of Engrs Waterway Code: 79286 Detroit District

Remarks: Wharf is in line and contiguous with Berth 6 (Ref. No. 23) providing 1,392 feet of continuous berthing space. Four concrete cement storage silos with one interstice have total capacity of 43,000 tons.

Port Series: 49 Year of Last Survey: 1999 Corps of Engrs Waterway Code: 79286 Detroit District

Waterway: **Fox River** Mile: PWD: 89

Name: **Anamax Corp., Wharf.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, approximately 350 feet below Wisconsin Central Ltd. railroad bridge. Datum: LWD

Operator: Anamax Corp.

Owner: Anamax Corp.

Address:

Town: Green Bay

State: WI

Phone: 414-494-5233

County: Brown

Railway Connection: None.

Purpose: Shipment of liquid tallow.

Depth Alongside (feet): 25 | | Latitude (decimal): 44.526389

Total Berthing Space (feet): 241 | | Longitude (decimal): -88.01083

Remarks: One 6-inch pipeline extends to wharf from 4 steel storage tanks at rear, total capacity 6,800 metric tons. Tallow is transferred to storage tanks by tank trucks from rendering plant located approximately 6 miles Packerland Industrial Park, 2099 Shawano Avenue.

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77825 Detroit District

Port Facilities by Waterway

Waterway: **Fox River** Mile: PWD: 73

Name: **Corps of Engineers, Green Bay Dredge Disposal Dock.**

Port: Lake Michigan

Location: Green Bay, right bank, of Fox River, at the mouth. Datum: LWD

Operator: Corps of Engineers.

Owner: U.S. Government.

Address: Phone: 313/226-6796

Town: Green Bay State: WI County: Brown

Railway Connection: None.

Purpose: Mooring dredges for discharge of dredged material into disposal area.

Depth Alongside (feet): 22 | | Latitude (decimal): 44.538889

Total Berthing Space (feet): 150 | | Longitude (decimal): -88.01972

Remarks: One 24-inch pipeline extends from wharf to shore. At time of survey (June 1993) dredge disposal area was near capacity and future operations uncertain. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77825 Detroit District

Waterway: **Fox River** Mile: PWD: 78

Name: **Fort Howard Paper Co. Green Bay Southern Dock.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, upper side of slip, above Chicago and North Western Railway bridge. Datum: LWD

Operator: Fort Howard Paper Co.; and Leicht Transfer & Storage Co.

Owner: Fort Howard Paper Co.

Address: 1919 So. Broadway Phone: 414/435-8821 ex

Town: Green Bay State: WI County: Brown

Railway Connection: One surface track serving open storage area in rear joins additional plant trackage; connects with Fox River Valley & Western Ltd.

Purpose: Receipt of coal, petroleum coke, and salt by self-unloading vessels for plant consumption; receipt and shipment of heavy-lift items.

Depth Alongside (feet): 22 | | Latitude (decimal): 44.4975

Total Berthing Space (feet): 850 | | Longitude (decimal): -88.02944

Remarks: Open storage area at rear for 450,000 tons of coal and salt. Stiff-leg derrick described above is available for making heavy lifts by arrangement through Leicht Transfer and Storage Co., 1401 State St., Ref. No.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77825 Detroit District

Port Facilities by Waterway

Waterway: **Fox River** Mile: PWD: 83

Name: **Fort Howard Paper Co., Green Bay Northern Coal Dock.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, approximately 900 feet below Mason Street Bridge. Datum: LWD

Operator: Fort Howard Paper Co.

Owner: Fort Howard Paper Co.

Address: Phone: 414-435-8821 ex

Town: Green Bay State: WI County: Brown

Railway Connection: None.

Purpose: Receipt of coal for plant consumption, by self-unloading vessel.

Depth Alongside (feet): 24 | | Latitude (decimal): 44.511111

Total Berthing Space (feet): 503 | | Longitude (decimal): -88.02139

Remarks: Open storage area at rear for 140,000 tons of coal.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77825 Detroit District

Waterway: **Fox River** Mile: PWD: 90

Name: **Fox River Dock Company Green Bay Slip and River Docks.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, inner end, upper side of slip, approximately 1,800 feet above mouth of Datum: LWD

Operator: Fox River Dock Company, Inc.

Owner: Fox River Dock Company, Inc.

Address: 1400 Bylsby Avenue. Phone: 414/432-0833

Town: Green Bay State: WI County: Brown

Railway Connection: One surface track along rear of bulkhead connects with Fox River Valley & Western Ltd.

Purpose: Receipt of limestone, light aggregate, coal, and salt by self-unloading vessel (See Remarks).

Depth Alongside (feet): 23 | 24 | Latitude (decimal): 44.534722

Total Berthing Space (feet): 1475 | 1100 | Longitude (decimal): -88.01111

Remarks: An additional 150-foot section of steel sheet pile bulkhead fronts lower side of entrance to slip. Self-unloading vessels 800-feet in length can berth in slip, or across mouth of slip when unloading on river sid at rear has total capacity for 500,000 tons of material. Koch Refining Co., Inc.: maintains three steel storage tanks on standby at rear of slip, total capacity 180,000 barrels. Tanks are connected to tankage describNo. 92 by 8-inch pipeline, and to wharf by a 6-inch pipeline blanked at time of survey

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77825 Detroit District

Port Facilities by Waterway

Waterway: **Fox River** Mile: PWD: 91

Name: **Great Lakes Calcium Corp. Green Bay Dock.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, center portion of lower side of slip, approximately 1,800 feet above mo Datum: LWD

Operator: Great Lakes Calcium Corp.

Owner: Great Lakes Calcium Corp.

Address: 1400 Bylsby Avenue. Phone: 414/432-7731

Town: Green Bay State: WI County: Brown

Railway Connection: One surface track at rear connects with Fox River Valley & Western Ltd.

Purpose: Receipt of agricultural limestone by self-unloading vessels.

Depth Alongside (feet): 22 | | Latitude (decimal): 44.535

Total Berthing Space (feet): 745 | | Longitude (decimal): -88.01111

Remarks: Open storage area at rear has total capacity for 300,000 tons. Calcium carbonate is manufactured at plant at rear. Face of wharf is in line and contiguous with Ref. No. 92.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77825 Detroit District

Waterway: **Fox River** Mile: PWD: 77

Name: **James River Corporation, Green Bay Dock.**

Port: Lake Michigan

Location: Green Bay, right bank, Fox River; below mouth of East River, Green Bay. Datum: LWD

Operator: James River Corporation.

Owner: James River Corporation.

Address: Phone: 414/433-6287

Town: Green Bay State: WI County: Brown

Railway Connection: One surface track along rear of face joins additional trackage serving plant; connects with Wisconsin Central Ltd.

Purpose: Not used (See Remarks).

Depth Alongside (feet): 11 - 22 | | Latitude (decimal): 44.5225

Total Berthing Space (feet): 667 | | Longitude (decimal): -88.00917

Remarks: Wharf is being maintained in good condition and at time of survey, plans called for future use for receipt of wood pulp. Paper mill located at rear. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77825 Detroit District

Port Facilities by Waterway

Waterway: **Fox River** Mile: PWD: 84
 Name: **K & K Warehousing, Green Bay Dock.**
 Port: Lake Michigan
 Location: Green Bay, left bank, Fox River, above Walnut Street Highway Bridge,. Datum: LWD
 Operator: K & K Warehousing, Inc.
 Owner: K & K Warehousing, Inc.
 Address: 201 Pearl St. Phone: 414/432-1414
 Town: Green Bay State: WI County: Brown
 Railway Connection: One surface track at rear extends into warehouse complex at rear; connects with Fox River Valley & Western Ltd.
 Purpose: Receipt and shipment of general cargo and paper products.
 Depth Alongside (feet): 22 - * | | Latitude (decimal): 44.514722
 Total Berthing Space (feet): 1000 | | Longitude (decimal): -88.01917
 Remarks: At time of survey (1993) wharf construction was complete, however dredging had not yet commenced. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77825 Detroit District

Waterway: **Fox River** Mile: PWD: 92
 Name: **Koch Refining Co., Green Bay North Dock.**
 Port: Lake Michigan
 Location: Green Bay, left bank, Fox River, outer portion of lower side of slip, approximately 1,800 feet above mou Datum: LWD
 Operator: Koch Refining Company, Inc.
 Owner: Koch Refining Company, Inc.
 Address: 1496 Bylsby Avenue. Phone: 414/436-7720
 Town: Green Bay State: WI County: Brown
 Railway Connection: One surface track extending entire length of lower side of slip serves 6-car capacity, tank car loading area; connects with Fox River Valley & Western Ltd.
 Purpose: Receipt of asphalt.
 Depth Alongside (feet): 24 | | Latitude (decimal): 44.534722
 Total Berthing Space (feet): 400 | | Longitude (decimal): -88.00806
 Remarks: Slip is 170 feet wide and 1,600 feet long. One 6- to 8-inch, steam traced pipeline extends from face of bulkhead to 3 steel storage tanks located in rear, total capacity 124,000 barrels of asphalt cement. Pipeli connected to 3 standby tanks described under Ref. No. 4 located across the slip. Face of concrete bulkhead is in line and contiguous with Ref. No. 3.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77825 Detroit District

Port Facilities by Waterway

Waterway: **Fox River** Mile: PWD: 81

Name: **LaFarge Corporation, Green Bay Terminal Dock.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, lower side of slip, approximately 1,500 feet above the Wisconsin Central railroad bridge. Datum: LWD

Operator: LaFarge Corporation

Owner: LaFarge Corporation

Address: 125 Ninth St. Phone: 414/435-7581

Town: Green Bay State: WI County: Brown

Railway Connection: Two surface tracks along rear of bulkhead serve cement distribution plant in rear; connect with Fox River Valley & Western Ltd.

Purpose: Receipt of bulk cement.

Depth Alongside (feet): 18 | | Latitude (decimal): 44.500278

Total Berthing Space (feet): 500 | | Longitude (decimal): -88.02639

Remarks: Two 10-inch pipelines on wharf extend to 12-concrete, cement storage silos with 6 interstitial bins and 5 metal bins at rear, total capacity 15,336 tons. Plant is equipped to load trucks and rail cars. Two bagg have a combined capacity of 1,200 bags per hour. Slip, 400 feet long and 150 feet wide, is shared with Ref. No. 80; steel sheet pile bulkhead continues 75 feet along head of slip.

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77825 Detroit District

Waterway: **Fox River** Mile: PWD: 86

Name: **Leicht Transfer and Storage Co., Green Bay North Dock No. 1.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, approximately 1,100 feet above Wisconsin Central Ltd. railroad bridge. Datum: LWD

Operator: Not operated (See Remarks).

Owner: Leicht Transfer and Storage Co.

Address: Phone: 414/432-8632

Town: Green Bay State: WI County: Brown

Railway Connection: Two surface tracks on apron and two platform-level tracks serving warehouse at rear of apron, join additional terminal trackage connecting with Fox River Valley & Western Ltd.

Purpose: (See Remarks.)

Depth Alongside (feet): 22 - 25 | | Latitude (decimal): 44.521111

Total Berthing Space (feet): 500 | | Longitude (decimal): -88.01278

Remarks: At time of survey (1993), plans called for repair of portion of bulkhead that had collapsed. Former transit shed known as Building No. 64, is divided into 2 sections by firewall and is used as a storage warehouse 63 in rear are also used as storage warehouses (see S.W. Ref. No. 2). Approximately 30,000 square feet of open storage area is located at the rear of Building No. 64.

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77825 Detroit District

Port Facilities by Waterway

Waterway: **Fox River** Mile: PWD: 85
 Name: **Leicht Transfer and Storage Co., Green Bay North Dock No. 2.**
 Port: Lake Michigan
 Location: Green Bay, left bank, Fox River, approximately 500 feet below Main Street Bridge. Datum: LWD
 Operator: Leicht Transfer and Storage Co.
 Owner: Leicht Transfer and Storage Co.
 Address: Phone: 414/432-8632
 Town: Green Bay State: WI County: Brown
 Railway Connection: One surface track and two platform-level tracks serving warehouse at rear of apron join additional terminal trackage connecting with Fox River Valley & Western Ltd.
 Purpose: Receipt and shipment of general cargo and heavy-lift item; receipt of pulpwood and powdered granite, shipment of grain and dairy products in foreign and domestic trades (See Remarks).
 Depth Alongside (feet): 24 - 28 | | Latitude (decimal): 44.52
 Total Berthing Space (feet): 420 | | Longitude (decimal): -88.01417
 Remarks: Heavy-lift items are handled by special arrangement using 110-ton derrick at Ref. No. 78. Former transit shed, known as Building No. 65, is divided into four sections by firewalls and is used as a storage wareho 52,000 square feet of open storage area is located on lower side of building.
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77825 Detroit District

Waterway: **Fox River** Mile: PWD: 79
 Name: **Leicht Transfer and Storage Co., Green Bay State Street Dock.**
 Port: Lake Michigan
 Location: Green Bay, left bank, Fox River, lower side of slip, approximately 1,000 feet below Wisconsin Central Lt Datum: LWD
 Operator: Leicht Transfer and Storage Co.
 Owner: Leicht Transfer and Storage Co.
 Address: 1401 State St. Phone: 414/432-8632
 Town: Green Bay State: WI County: Brown
 Railway Connection: Two platform-level tracks along rear of open, concrete-surfaced area of dock, join additional trackage serving warehouses in rear; connect with Fox River Valley & Western Ltd.
 Purpose: Receipt and shipment of heavy-lift items; and mooring vessels (See Remarks).
 Depth Alongside (feet): 19 | | Latitude (decimal): 44.498889
 Total Berthing Space (feet): 540 | | Longitude (decimal): -88.02583
 Remarks: Heavy-lift items are handled by special arrangement using 110-ton derrick at Ref. No. 78. Asphalt-paved, open storage area at rear for 40,000 tons of dry bulk commodities. Six storage warehouses located west of
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77825 Detroit District

Port Facilities by Waterway

Waterway: **Fox River** Mile: PWD: 80

Name: **McMullen and Pitz Construction Co. Green Bay Dock.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River; Upper side of slip, approximately 1,500 feet above the Wisconsin Central Railroad bridge. Datum: LWD

Operator: McMullen and Pitz Construction Co.

Owner: McMullen and Pitz Construction Co.

Address: 1301 State Street. Phone: 414/437-9922

Town: Green Bay State: WI County: Brown

Railway Connection: None.

Purpose: Mooring company-owned floating equipment; handling construction materials and supplies.

Depth Alongside (feet): 19 | 0 - 4 | Latitude (decimal): 44.499722

Total Berthing Space (feet): 350 | | Longitude (decimal): -88.02556

Remarks: Marine contractor's office located in rear. □ □

Port Series: 48 Year of Last Survey: 1994 Corps of Eng'rs Waterway Code: 77825 Detroit District

Waterway: **Fox River** Mile: PWD: 76

Name: **Procter & Gamble Paper Products Co., Green Bay Dock.**

Port: Lake Michigan

Location: Green Bay, right bank, Fox River, below Wisconsin Central Ltd railroad bridge. Datum: LWD

Operator: Procter & Gamble Paper Products Co.

Owner: Procter & Gamble Paper Products Co.

Address: 501 Eastman Ave. Phone: 414/433-2820

Town: Green Bay State: WI County: Brown

Railway Connection: Surface tracks serving plant at rear connect with Wisconsin Central Ltd.

Purpose: Receipt of coal by self-unloading vessel.

Depth Alongside (feet): 24 | | Latitude (decimal): 44.526389

Total Berthing Space (feet): 768 | | Longitude (decimal): -88.00861

Remarks: Open storage area at rear has capacity for approximately 50,000 tons of coal. □ □

Port Series: 48 Year of Last Survey: 1994 Corps of Eng'rs Waterway Code: 77825 Detroit District

Port Facilities by Waterway

Waterway: **Fox River** Mile: PWD: 88

Name: **St. Marys Wisconsin Cement Co., Green Bay Wharf.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, approximately 150 feet below Wisconsin Central Ltd. railroad bridge. Datum: LWD

Operator: St. Marys Wisconsin Cement Co., Inc.

Owner: St. Marys Wisconsin Cement Co., Inc.

Address: 924 McDonald St. Phone: 414/435-8590

Town: Green Bay State: WI County: Brown

Railway Connection: One surface track serves bulk cement loading spout and receiving pit at rear of storage silos; connects with Fox River Valley & Western Ltd..

Purpose: Receipt of cement by barge.

Depth Alongside (feet): 25 | | Latitude (decimal): 44.525278

Total Berthing Space (feet): 200 | | Longitude (decimal): -88.01111

Remarks: Two 10-inch elevated pipelines extend from face of bulkhead to 5 bulk cement storage silos in rear, total capacity 5,500 tons. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77825 Detroit District

Waterway: **Fox River** Mile: PWD: 82

Name: **The C. Reiss Coal Co., Green Bay Wharf.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, above Mason Street Bridge. Datum: LWD

Operator: The C. Reiss Coal Co.; and Great Lakes Towing Co.

Owner: The C. Reiss Coal Co.

Address: 110 W. Mason St. Phone: 414/436-7600

Town: Green Bay State: WI County: Brown

Railway Connection: Two surface tracks at rear serve receiving hopper, connect with Wisconsin Central Ltd.

Purpose: Receipt of dry bulk commodities including coal, pig iron, and salt, and mooring harbor tugs.

Depth Alongside (feet): 18 - 23 | | Latitude (decimal): 44.506944

Total Berthing Space (feet): 1,592 | | Longitude (decimal): -88.02278

Remarks: Open storage area at rear of wharf has capacity for 580,000 tons of coal, with an additional 14 acres with capacity for 400,000 tons of dry bulk commodities on upper side. Harbor tugs 'Virginia' and 'Oklahoma' m

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77825 Detroit District

Port Facilities by Waterway

Waterway: Fox River	Mile:	PWD: 74
Name: U.S. Coast Guard Dock.		
Port: Lake Michigan		
Location: Green Bay, right bank, Fox River, approximately 800 feet above mouth, at entrance to Green Bay Yacht Bas		Datum: LWD
Operator: U.S. Coast Guard.		
Owner: U.S. Government.		
Address: Green Bay Yacht Basin Road		Phone: 414/435-7042
Town: Green Bay	State: WI	County: Brown
Railway Connection: None.		
Purpose: Mooring U.S. Coast Guard vessels.		
Depth Alongside (feet):	6 6	Latitude (decimal): 44.536667
Total Berthing Space (feet):	20	Longitude (decimal): -88.02056
Remarks: -□□		

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77825	Detroit District
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Waterway: Fox River	Mile:	PWD: 75
Name: U.S. Oil Co., Inc., Green Bay Dock.		
Port: Lake Michigan		
Location: Green Bay, right bank, Fox River, approximately 1,300 feet above the mouth.		Datum: LWD
Operator: U.S. Oil Co., Inc.		
Owner: U.S. Oil Co., Inc.		
Address: 1910 N. Quincy St.		Phone: 414/432-4422
Town: Green Bay	State: WI	County: Brown
Railway Connection: Two surface tracks serve 8-car capacity tank car loading rack on east side of North Quincy Street; connect with Wisconsin Central Ltd.		
Purpose: Occasional receipt of petroleum products; receipt of liquid calcium chloride.		
Depth Alongside (feet):	21	Latitude (decimal): 44.535556
Total Berthing Space (feet):	470	Longitude (decimal): -88.00472
Remarks: Two 8-inch pipelines extend from wharf to 5 steel petroleum storage tanks, total capacity 400,000 barrels, and 1 steel 36,000 barrel liquid calcium chloride storage tank at terminal located east of North Quincy S		

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77825	Detroit District
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Port Facilities by Waterway

Waterway: **Fox River** Mile: PWD: 87

Name: **Western Lime & Cement Co. Wharf.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, above Wisconsin Central Ltd. railroad bridge. Datum: LWD

Operator: Western Lime & Cement Co., Inc.

Owner: Western Lime & Cement Co., Inc.

Address: 101 James St. Phone: 414/437-4054

Town: Green Bay State: WI County: Brown

Railway Connection: One 300-foot, platform-level track along rear of plant connects with Fox River Valley & Western Ltd.

Purpose: Receipt of limestone by self-unloading vessel.

Depth Alongside (feet): 23 | | Latitude (decimal): 44.522778

Total Berthing Space (feet): 800 | | Longitude (decimal): -88.01194

Remarks: Open storage area at rear of bulkhead and on adjacent property for approximately 105,000 tons of limestone. Plant in rear produces lime. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77825 Detroit District

Waterway: **Fox River** Mile: PWD: 93

Name: **Wisconsin Public Service Corp., Pulliam Power Plant Slip.**

Port: Lake Michigan

Location: Green Bay, left bank, Fox River, approximately 1,000 feet above mouth of river. Datum: LWD

Operator: Wisconsin Public Service Corp.

Owner: Wisconsin Public Service Corp.

Address: 1530 No. Bylsby Avenue. Phone: 414/436-5419

Town: Green Bay State: WI County: Brown

Railway Connection: Three surface tracks serve power plant in rear of lower side; connect with Fox River Valley & Western Ltd.

Purpose: Occasional receipt of coal for plant consumption, by self-unloading vessel.

Depth Alongside (feet): 19 | | Latitude (decimal): 44.535556

Total Berthing Space (feet): 700 | | Longitude (decimal): -88.00833

Remarks: Slip is approximately 125 feet wide. Open coal storage area surrounding slip has capacity for 600,000 tons of coal. Water intake for power plant is located at inner end of slip.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77825 Detroit District

Port Facilities by Waterway

Waterway: **Grand River** Mile: PWD: 151
 Name: **Construction Aggregates Corporation Grand Haven Wharf.**
 Port: Lake Michigan
 Location: Ferrysburg, right bank of Grand River, approximately 800 feet below the entrance to the Sag. Datum: LWD
 Operator: Construction Aggregates Corporation of Michigan.
 Owner: Construction Aggregates Corporation of Michigan.
 Address: 18153 North Shore Drive Phone: 616-842-7900
 Town: Ferrysburg State: MI County: Ottawa
 Railway Connection: None.
 Purpose: Shipment of sand.
 Depth Alongside (feet): 21 | | Latitude (decimal): 43.074444
 Total Berthing Space (feet): 350 | | Longitude (decimal): -86.23611
 Remarks: Vessels move along breasting dolphins to load, passing stationary shuttle trimmer. Hydraulic dredge mines sand and discharges to processing plant located in rear. Approximately 40,000 tons of material can be st to bank.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77566 Detroit District

Waterway: **Grand River** Mile: PWD: 157
 Name: **Corps of Engineers Grand Haven Mooring Basin.**
 Port: Lake Michigan
 Location: Grand Haven, left bank Grand River; approximately 0.6 mile above mouth. Datum: LWD
 Operator: Corps of Engineers; United States Coast Guard; and University of Michigan.Michigan.
 Owner: U.S. Government.
 Address: Phone: 616/842-5510
 Town: Grand Haven State: MI County: Ottawa
 Railway Connection: None.
 Purpose: Mooring government-owned vessels, patrol boats and research vessel..
 Depth Alongside (feet): 11 - 15 | 11 - 15 | Latitude (decimal): 43.060833
 Total Berthing Space (feet): 400 | 50 | Longitude (decimal): -86.23889
 Remarks: U.S. Army Corps of Engineers Grand Haven Area Office is located at the rear. Basin has a 94-foot wide entrance from the river. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77567 Detroit District

Port Facilities by Waterway

Waterway: Grand River	Mile:	PWD: 156
Name: J. B. Sims Power Plant, Wharf.		
Port: Lake Michigan		
Location: Grand Haven, left bank Grand River; on Harbor Island above junction with South Channel.	Datum: LWD	
Operator: Board of Light and Power, City of Grand Haven.		
Owner: Board of Light and Power, City of Grand Haven.		
Address:	Phone: 616/842-6355	
Town: Grand Haven	State: MI	County: Ottawa
Railway Connection: None.		
Purpose: Receipt of coal by self-unloading vessel for plant consumption.		
Depth Alongside (feet): 13		Latitude (decimal): 43.068611
Total Berthing Space (feet): 800		Longitude (decimal): -86.23528
Remarks: Open storage area at rear for has capacity for approximately 200,000 tons of coal. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77567
		Detroit District

Waterway: Grand River	Mile:	PWD: 152
Name: Koch Refining Co. Ferrysburg Terminal Dock.		
Port: Lake Michigan		
Location: Ferrysburg, right bank of Grand River; Above entrance to The Sag.	Datum: LWD	
Operator: Not operated.		
Owner: Koch Refining Company, Inc.		
Address: 17806 North Shore Drive.	Phone: 616/842-2450	
Town: Ferrysburg	State: MI	County: Ottawa
Railway Connection: None.		
Purpose: Not used.		
Depth Alongside (feet): 22		Latitude (decimal): 43.078056
Total Berthing Space (feet): 300		Longitude (decimal): -86.23056
Remarks: Three 10-inch pipelines extend from wharf to 5 steel fuel oil storage tanks, total capacity 312,000 barrels. Pipelines were inactive at time of survey 1992); storage tanks were being supplied by inland pipeline.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77566
		Detroit District

Port Facilities by Waterway

Waterway: **Grand River** Mile: PWD: 155
 Name: **Meekhofs Lakeside Dock.**
 Port: Lake Michigan
 Location: Grand Haven, left bank Grand River; on Harbor Island approximately 1,700 feet above South Channel. Datum: LWD
 Operator: Meekhofs Lakeside Dock, Inc.
 Owner: Board of Light and Power, City of Grand Haven.
 Address: Phone: 616-755-2921
 Town: Grand Haven State: MI County: Ottawa
 Railway Connection: None.
 Purpose: Receipt of dry bulk commodities including limestone, sand and gravel by self-unloading vessels.
 Depth Alongside (feet): 21 | | Latitude (decimal): 43.071389
 Total Berthing Space (feet): 800 | | Longitude (decimal): -86.23528
 Remarks: Open storage area at rear has capacity for 90,000 tons of material.□□
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77567 Detroit District

Waterway: **Grand River** Mile: PWD: 154
 Name: **VerPlank Dock Co. Ferrysburg East Dock.**
 Port: Lake Michigan
 Location: Ferrysburg, right bank of Grand River; Approximately 1,400 feet above entrance to The Sag. Datum: LWD
 Operator: Grand Haven Materials Terminal; Medusa Cement Company, Inc.; and The King Co.Co., Inc
 Owner: VerPlank Dock Co.
 Address: Phone: 616/842-1448
 Town: Ferrysburg State: MI County: Ottawa
 Railway Connection: One surface track in rear, connects with CSX Transportation.
 Purpose: Receipt of cement, dry fertilizer including potash and urea, coal, limestone, slag, salt, and miscellaneous dry bulk materials by self-unloading vessel; mooring company-owned floating equipment.
 Depth Alongside (feet): 21 - 22 | 21 - 22 | Latitude (decimal): 43.077222
 Total Berthing Space (feet): 850 | 800 | Longitude (decimal): -86.22139
 Remarks: Grand Haven Materials Terminal: Three potash and one urea storage tanks with have total capacity for 40,000 tons and open storage area for approximately 20,000 tons of miscellaneous dry bulk materials. Medusa Cement Company, Inc.: One 13,000 ton cement storage tank.
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77566 Detroit District

Port Facilities by Waterway

Waterway: **Grand River** Mile: PWD: 153
 Name: **Verplank Dock Co. Ferrysburg West Dock.**
 Port: Lake Michigan
 Location: Ferrysburg, right bank of Grand River; Approximately 600 feet above entrance to The Sag. Datum: LWD
 Operator: VerPlank Dock Co.
 Owner: VerPlank Dock Co.
 Address: Phone: 616/842-1448
 Town: Ferrysburg State: MI County: Ottawa
 Railway Connection: One surface track in rear, connects with CSX Transportation.
 Purpose: Receipt of coal, limestone, slag, salt, and miscellaneous dry bulk materials by self-unloading vessel.
 Depth Alongside (feet): 12 | | Latitude (decimal): 43.078056
 Total Berthing Space (feet): 1,550 | | Longitude (decimal): -86.22639
 Remarks: Open storage area at rear has capacity for approximately 1,000,000 tons of material. □
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnr's Waterway Code: 77566 Detroit District

Waterway: **Howards Bay** Mile: PWD: 38
 Name: **Barko Hydraulics Dock.**
 Port: Lake Superior
 Location: Upper side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point span of John Datum: LWD
 Operator: Not operated.
 Owner: Barko Hydraulics, Inc.
 Address: Foot of Banks Avenue. Phone: 216/241-0140
 Town: Superior State: WI County: Douglas
 Railway Connection: Two surface tracks along rear of bulkhead, a third track extends through and encircles production building; connect with BNSF Railroad.
 Purpose: Not used.
 Depth Alongside (feet): 20 | | Latitude (decimal): 46.739444
 Total Berthing Space (feet): 786 | | Longitude (decimal): -92.10278
 Remarks: A 1-story, 3-section, steel-processing building, equipped with two 10-ton-capacity, electric, traveling overhead bridge cranes, located in rear. □
 Port Series: 49 Year of Last Survey: 1999 Corps of Engnr's Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 40
Name:	Cenex Harvest States Cooperatives, Elevator No. 1 Dock.				
Port:	Lake Superior				
Location:	Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point				Datum: LWD
Operator:	Not operated.				
Owner:	Cenex Harvest States Cooperatives.				
Address:	41 Dock Street		Phone: 715/392-4734		
Town:	Superior	State: WI	County: Douglas		
Railway Connection:	Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.				
Purpose:	Not used.				
Depth Alongside (feet):	24			Latitude (decimal):	46.741111
Total Berthing Space (feet):	1,000			Longitude (decimal):	-92.10111
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 40
Name:	Cenex Harvest States Cooperatives, Elevator No. 1 Dock.				
Port:	Lake Superior				
Location:	Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point				Datum: LWD
Operator:	Not operated.				
Owner:	Cenex Harvest States Cooperatives.				
Address:	41 Dock Street			Phone:	715/392-4734
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.				
Purpose:	Not used.				
Depth Alongside (feet):	24			Latitude (decimal):	46.741111
Total Berthing Space (feet):	1,000			Longitude (decimal):	-92.10111
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 40
Name:	Cenex Harvest States Cooperatives, Elevator No. 1 Dock.				
Port:	Lake Superior				
Location:	Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point				Datum: LWD
Operator:	Not operated.				
Owner:	Cenex Harvest States Cooperatives.				
Address:	41 Dock Street		Phone: 715/392-4734		
Town:	Superior	State: WI	County: Douglas		
Railway Connection:	Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.				
Purpose:	Not used.				
Depth Alongside (feet):	24			Latitude (decimal):	46.741111
Total Berthing Space (feet):	1,000			Longitude (decimal):	-92.10111
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Waterway: Howards Bay	Mile:	PWD: 40
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Dock.		
Port: Lake Superior		
Location: Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point Datum: LWD		
Operator: Not operated.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.		
Purpose: Not used.		
Depth Alongside (feet): 24		Latitude (decimal): 46.741111
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.10111

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 40
Name:	Cenex Harvest States Cooperatives, Elevator No. 1 Dock.				
Port:	Lake Superior				
Location:	Middle part, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point				Datum: LWD
Operator:	Not operated.				
Owner:	Cenex Harvest States Cooperatives.				
Address:	41 Dock Street		Phone: 715/392-4734		
Town:	Superior	State: WI	County: Douglas		
Railway Connection:	Four surface tracks extend along rear of grain elevators and serve car unloading pit and car dumper; track capacity 55 loaded and 65 empty cars; connect with BNSF Railroad.				
Purpose:	Not used.				
Depth Alongside (feet):	24			Latitude (decimal):	46.741111
Total Berthing Space (feet):	1,000			Longitude (decimal):	-92.10111
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		
Remarks:	At time of survey, the marine leg unloader was not in service.□Six grain storage units - Elevator B: 36 silos; Elevator A: 36 silos; Elevator □C: 44 silos; Elevator D: 44 silos; Elevator E: 44 silos; Elevator L: total capacity of complex is 17,585,000 bushels. All elevators are interconnected by conveyor belt system.				
Port Series: 49	Year of Last Survey: 1999	Corps of Engrns Waterway Code: 79283	Detroit District		

Port Facilities by Waterway

Waterway: **Howards Bay** Mile: PWD: 41
 Name: **Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.**
 Port: Lake Superior
 Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD
 Operator: Cenex Harvest States Cooperatives
 Owner: Cenex Harvest States Cooperatives.
 Address: 41 Dock Street. Phone: 715/392-4734
 Town: Superior State: WI County: Douglas
 Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.742222
 Total Berthing Space (feet): 591 | | Longitude (decimal): -92.10083
 Waterway: **Howards Bay** Mile: PWD: 41
 Name: **Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.**
 Port: Lake Superior
 Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD
 Operator: Cenex Harvest States Cooperatives
 Owner: Cenex Harvest States Cooperatives.
 Address: 41 Dock Street. Phone: 715/392-4734
 Town: Superior State: WI County: Douglas
 Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.742222
 Total Berthing Space (feet): 591 | | Longitude (decimal): -92.10083
 Waterway: **Howards Bay** Mile: PWD: 41
 Name: **Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.**
 Port: Lake Superior
 Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD
 Operator: Cenex Harvest States Cooperatives
 Owner: Cenex Harvest States Cooperatives.
 Address: 41 Dock Street. Phone: 715/392-4734
 Town: Superior State: WI County: Douglas
 Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 30 | | Latitude (decimal): 46.742222
 Total Berthing Space (feet): 591 | | Longitude (decimal): -92.10083

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 41	
Name:	Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.					
Port:	Lake Superior					
Location:	Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s			Datum:	LWD	
Operator:	Cenex Harvest States Cooperatives					
Owner:	Cenex Harvest States Cooperatives.					
Address:	41 Dock Street.			Phone:	715/392-4734	
Town:	Superior	State:	WI	County:	Douglas	
Railway Connection:	Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.					
Purpose:	Shipment of grain.					
Depth Alongside (feet):	30			Latitude (decimal):	46.742222	
Total Berthing Space (feet):	591			Longitude (decimal):	-92.10083	
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and					
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283	Detroit District
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and					
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283	Detroit District
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and					
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283	Detroit District
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and					
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283	Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 41
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.		
Port: Lake Superior		
Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD		
Operator: Cenex Harvest States Cooperatives		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street.		Phone: 715/392-4734
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.742222
Total Berthing Space (feet): 591		Longitude (decimal): -92.10083

Waterway: Howards Bay	Mile:	PWD: 41
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.		
Port: Lake Superior		
Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD		
Operator: Cenex Harvest States Cooperatives		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street.		Phone: 715/392-4734
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.742222
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Waterway: Howards Bay	Mile:	PWD: 41
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.		
Port: Lake Superior		
Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD		
Operator: Cenex Harvest States Cooperatives		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street.		Phone: 715/392-4734
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.742222
Total Berthing Space (feet): 591		Longitude (decimal): -92.10083

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:		PWD: 41
Name:	Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.					
Port:	Lake Superior					
Location:	Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s				Datum:	LWD
Operator:	Cenex Harvest States Cooperatives					
Owner:	Cenex Harvest States Cooperatives.					
Address:	41 Dock Street.			Phone:	715/392-4734	
Town:	Superior	State:	WI	County:	Douglas	
Railway Connection:	Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.					
Purpose:	Shipment of grain.					
Depth Alongside (feet):	30			Latitude (decimal):	46.742222	
Total Berthing Space (feet):	591			Longitude (decimal):	-92.10083	
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and					
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District			
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and					
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District			
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and					
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District			
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and					
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District			

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 41
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.		
Port: Lake Superior		
Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD		
Operator: Cenex Harvest States Cooperatives		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street.	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.742222
Total Berthing Space (feet): 591		Longitude (decimal): -92.10083

Waterway: Howards Bay	Mile:	PWD: 41
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.		
Port: Lake Superior		
Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD		
Operator: Cenex Harvest States Cooperatives		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street.	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.742222
Total Berthing Space (feet): 591		Longitude (decimal): -92.10083

Waterway: Howards Bay	Mile:	PWD: 41
Name: Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.		
Port: Lake Superior		
Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD		
Operator: Cenex Harvest States Cooperatives		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street.	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.742222
Total Berthing Space (feet): 591		Longitude (decimal): -92.10083

Port Facilities by Waterway

Waterway: **Howards Bay** Mile: PWD: 41

Name: **Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.**

Port: Lake Superior

Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD

Operator: Cenex Harvest States Cooperatives

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street. Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 30 | | Latitude (decimal): 46.742222

Total Berthing Space (feet): 591 | | Longitude (decimal): -92.10083

Remarks: Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Remarks: Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Remarks: Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Remarks: Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: **Howards Bay** Mile: PWD: 41

Name: **Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.**

Port: Lake Superior

Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD

Operator: Cenex Harvest States Cooperatives

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street. Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet):	30			Latitude (decimal):	46.742222
Total Berthing Space (feet):	591			Longitude (decimal):	-92.10083

Waterway: **Howards Bay** Mile: PWD: 41

Name: **Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.**

Port: Lake Superior

Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD

Operator: Cenex Harvest States Cooperatives

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street. Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet):	30			Latitude (decimal):	46.742222
Total Berthing Space (feet):	591			Longitude (decimal):	-92.10083

Waterway: **Howards Bay** Mile: PWD: 41

Name: **Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.**

Port: Lake Superior

Location: Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s Datum: LWD

Operator: Cenex Harvest States Cooperatives

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street. Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet):	30			Latitude (decimal):	46.742222
Total Berthing Space (feet):	591			Longitude (decimal):	-92.10083

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 41
Name:	Cenex Harvest States Cooperatives, Elevator No. 1 Gallery Dock.				
Port:	Lake Superior				
Location:	Outer end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s			Datum:	LWD
Operator:	Cenex Harvest States Cooperatives				
Owner:	Cenex Harvest States Cooperatives.				
Address:	41 Dock Street.			Phone:	715/392-4734
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	Four surface tracks described under P.W.D. Ref. No. 40 continue along rear of gallery; connect with BNSF Railroad.				
Purpose:	Shipment of grain.				
Depth Alongside (feet):	30			Latitude (decimal):	46.742222
Total Berthing Space (feet):	591			Longitude (decimal):	-92.10083
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Detroit District					
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Detroit District					
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Detroit District					
Remarks:	Grain can be transferred to wharf from either elevators at Ref. No. 40 or from elevators at Ref. No. 42. Grain terminal complex includes maritime commerce facilities described at P.W.D. Ref. Nos. 39, 40, 41, and				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Detroit District					

Port Facilities by Waterway

Waterway:	Howards Bay	Mile:	PWD: 39
Name:	Cenex Harvest States Cooperatives, Elevator No. 1, Mooring House D		
Port:	Lake Superior		
Location:	Inner end, lower side of Tower Bay Slip, south side, Howards Bay, approx. 0.2 mile below Connors Point s		Datum: LWD
Operator:	Not operated.		
Owner:	Cenex Harvest States Cooperatives.		
Address:	41 Dock Street	Phone:	715/392-4734
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Not used.		
Depth Alongside (feet):	14		Latitude (decimal): 46.736944
Total Berthing Space (feet):	600,		Longitude (decimal): -92.10306
Remarks:	-□□		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engnrs Waterway Code:	79283
			Detroit District

Port Facilities by Waterway

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A Datum: LWD

Operator: Cenex Harvest States Cooperatives.

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 27 | | Latitude (decimal): 46.740556

Total Berthing Space (feet): 1,175 | | Longitude (decimal): -92.09917

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A Datum: LWD

Operator: Cenex Harvest States Cooperatives.

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 27 | | Latitude (decimal): 46.740556

Total Berthing Space (feet): 1,175 | | Longitude (decimal): -92.09917

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A Datum: LWD

Operator: Cenex Harvest States Cooperatives.

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 27 | | Latitude (decimal): 46.740556

Total Berthing Space (feet): 1,175 | | Longitude (decimal): -92.09917

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 42
Name:	Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc				
Port:	Lake Superior				
Location:	Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A				Datum: LWD
Operator:	Cenex Harvest States Cooperatives.				
Owner:	Cenex Harvest States Cooperatives.				
Address:	41 Dock Street			Phone:	715/392-4734
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.				
Purpose:	Shipment of grain.				
Depth Alongside (feet):	27			Latitude (decimal):	46.740556
Total Berthing Space (feet):	1,175			Longitude (decimal):	-92.09917
Remarks:	Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Detroit District					
Remarks:	Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Detroit District					
Remarks:	Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Detroit District					
Remarks:	Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Detroit District					

Port Facilities by Waterway

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A Datum: LWD

Operator: Cenex Harvest States Cooperatives.

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 27 | | Latitude (decimal): 46.740556

Total Berthing Space (feet): 1,175 | | Longitude (decimal): -92.09917

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A Datum: LWD

Operator: Cenex Harvest States Cooperatives.

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 27 | | Latitude (decimal): 46.740556

Total Berthing Space (feet): 1,175 | | Longitude (decimal): -92.09917

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A Datum: LWD

Operator: Cenex Harvest States Cooperatives.

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

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Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 42
Name: Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc		
Port: Lake Superior		
Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A Datum: LWD		
Operator: Cenex Harvest States Cooperatives.		
Owner: Cenex Harvest States Cooperatives.		
Address: 41 Dock Street	Phone: 715/392-4734	
Town: Superior	State: WI	County: Douglas
Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 27		Latitude (decimal): 46.740556
Total Berthing Space (feet): 1,175		Longitude (decimal): -92.09917
Remarks: Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283 Detroit District

Remarks: Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283 Detroit District

Remarks: Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283 Detroit District

Remarks: Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Datum: LWD
Point span of John A

Operator: Cenex Harvest States Cooperatives.

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 27 | | Latitude (decimal): 46.740556

Total Berthing Space (feet): 1,175 | | Longitude (decimal): -92.09917

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Datum: LWD
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Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

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Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 27 | | Latitude (decimal): 46.740556

Total Berthing Space (feet): 1,175 | | Longitude (decimal): -92.09917

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 42
Name:	Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc				
Port:	Lake Superior				
Location:	Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors				Datum: LWD
	Point span of John A				
Operator:	Cenex Harvest States Cooperatives.				
Owner:	Cenex Harvest States Cooperatives.				
Address:	41 Dock Street			Phone:	715/392-4734
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.				
Purpose:	Shipment of grain.				
Depth Alongside (feet):	27			Latitude (decimal):	46.740556
Total Berthing Space (feet):	1,175			Longitude (decimal):	-92.09917
Remarks:	Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
					Detroit District
Remarks:	Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
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Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
					Detroit District

Port Facilities by Waterway

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A Datum: LWD

Operator: Cenex Harvest States Cooperatives.

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 27 | | Latitude (decimal): 46.740556

Total Berthing Space (feet): 1,175 | | Longitude (decimal): -92.09917

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A Datum: LWD

Operator: Cenex Harvest States Cooperatives.

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 27 | | Latitude (decimal): 46.740556

Total Berthing Space (feet): 1,175 | | Longitude (decimal): -92.09917

Waterway: **Howards Bay** Mile: PWD: 42

Name: **Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc**

Port: Lake Superior

Location: Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A Datum: LWD

Operator: Cenex Harvest States Cooperatives.

Owner: Cenex Harvest States Cooperatives.

Address: 41 Dock Street Phone: 715/392-4734

Town: Superior State: WI County: Douglas

Railway Connection: Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.

Purpose: Shipment of grain.

Depth Alongside (feet): 27 | | Latitude (decimal): 46.740556

Total Berthing Space (feet): 1,175 | | Longitude (decimal): -92.09917

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 42
Name:	Cenex Harvest States Cooperatives, Elevator No. 2 Hughitt Slip Doc				
Port:	Lake Superior				
Location:	Lower side of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors				Datum: LWD
	Point span of John A				
Operator:	Cenex Harvest States Cooperatives.				
Owner:	Cenex Harvest States Cooperatives.				
Address:	41 Dock Street			Phone:	715/392-4734
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	Seven surface tracks extend along rear of grain elevators, total capacity 55 cars; one track serves car dumper, one serves car pits; connect with BNSF Railroad.				
Purpose:	Shipment of grain.				
Depth Alongside (feet):	27			Latitude (decimal):	46.740556
Total Berthing Space (feet):	1,175			Longitude (decimal):	-92.09917
Remarks:	Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
					Detroit District
Remarks:	Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
					Detroit District
Remarks:	Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).				
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					Detroit District
Remarks:	Six grain storage units and two workhouses located at rear of wharf: Elevator J: 10 silos; Elevator I: 4 silos; Elevator H: 28 silos; Elevator F1: 32 silos; Elevator F2: 44 silos; Elevator G: 40 silos; and fifteen combined capacity of 5,550,000 bushels (included in facility total under Remarks, Ref. No. 40).				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
					Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
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Waterway: Howards Bay	Mile:	PWD: 46
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Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Waterway: Howards Bay	Mile:	PWD: 46
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Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Port Facilities by Waterway

Waterway:	Howards Bay	Mile:	PWD: 46
Name:	Fraser Shipyard, Baxter Slip		
Port:	Lake Superior		
Location:	South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge.	Datum:	LWD
Operator:	Fraser Shipyard, Inc.		
Owner:	Fraser Shipyard, Inc.		
Address:	3rd Street and Clough Avenue	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet):	17 - 20	Latitude (decimal):	46.738611
Total Berthing Space (feet):	570	Longitude (decimal):	-92.09417
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in filling and paving Baxter Slip area. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in filling and paving Baxter Slip area. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in filling and paving Baxter Slip area. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
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Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738611
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Waterway: Howards Bay	Mile:	PWD: 46
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Town: Superior	State: WI	County: Douglas
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Waterway: Howards Bay	Mile:	PWD: 46
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Address: 3rd Street and Clough Avenue		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
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Port Facilities by Waterway

Waterway:	Howards Bay	Mile:	PWD: 46
Name:	Fraser Shipyard, Baxter Slip		
Port:	Lake Superior		
Location:	South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge.	Datum:	LWD
Operator:	Fraser Shipyard, Inc.		
Owner:	Fraser Shipyard, Inc.		
Address:	3rd Street and Clough Avenue	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet):	17 - 20	Latitude (decimal):	46.738611
Total Berthing Space (feet):	570	Longitude (decimal):	-92.09417
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in filling and paving Baxter Slip area. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
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Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738611
Total Berthing Space (feet): 570		Longitude (decimal): -92.09417

Waterway: Howards Bay	Mile:	PWD: 46
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Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
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Owner:	Fraser Shipyard, Inc.		
Address:	3rd Street and Clough Avenue	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
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Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Waterway: Howards Bay	Mile:	PWD: 46
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Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
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Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Railway Connection: None.		
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Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
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Waterway:	Howards Bay	Mile:	PWD: 46
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Port:	Lake Superior		
Location:	South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge.	Datum:	LWD
Operator:	Fraser Shipyard, Inc.		
Owner:	Fraser Shipyard, Inc.		
Address:	3rd Street and Clough Avenue	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet):	17 - 20	Latitude (decimal):	46.738611
Total Berthing Space (feet):	570	Longitude (decimal):	-92.09417
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in filling and paving Baxter Slip area. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in filling and paving Baxter Slip area. □		
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Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in filling and paving Baxter Slip area. □		
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

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Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Waterway: Howards Bay	Mile:	PWD: 46
Name: Fraser Shipyard, Baxter Slip		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20	Latitude (decimal): 46.738611	
Total Berthing Space (feet): 570	Longitude (decimal): -92.09417	

Port Facilities by Waterway

Waterway:	Howards Bay	Mile:	PWD: 46
Name:	Fraser Shipyard, Baxter Slip		
Port:	Lake Superior		
Location:	South side, Howards Bay, approx. 1,400 feet above Connors Point span of John A. Blatnick Bridge.	Datum:	LWD
Operator:	Fraser Shipyard, Inc.		
Owner:	Fraser Shipyard, Inc.		
Address:	3rd Street and Clough Avenue	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet):	17 - 20	Latitude (decimal):	46.738611
Total Berthing Space (feet):	570	Longitude (decimal):	-92.09417
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in filling and paving Baxter Slip area. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in filling and paving Baxter Slip area. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
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Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in filling and paving Baxter Slip area. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 45
Name: Fraser Shipyard, Cumming Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 800 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair.		
Depth Alongside (feet): 16 - 27		Latitude (decimal): 46.74
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.095

Waterway: Howards Bay	Mile:	PWD: 45
Name: Fraser Shipyard, Cumming Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 800 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair.		
Depth Alongside (feet): 16 - 27		Latitude (decimal): 46.74
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.095

Waterway: Howards Bay	Mile:	PWD: 45
Name: Fraser Shipyard, Cumming Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 800 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair.		
Depth Alongside (feet): 16 - 27		Latitude (decimal): 46.74
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.095

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 45
Name: Fraser Shipyard, Cumming Dock.		
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Name: Fraser Shipyard, Cumming Dock.		
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Location: South side, Howards Bay, approx. 800 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
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Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
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Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
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Port Facilities by Waterway

Waterway:	Howards Bay	Mile:	PWD: 45
Name:	Fraser Shipyard, Cumming Dock.		
Port:	Lake Superior		
Location:	South side, Howards Bay, approx. 800 feet above Connors Point span of John A. Blatnick Bridge.	Datum:	LWD
Operator:	Fraser Shipyard, Inc.		
Owner:	Fraser Shipyard, Inc.		
Address:	3rd Street and Clough Avenue.	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair.		
Depth Alongside (feet):	16 - 27	Latitude (decimal):	46.74
Total Berthing Space (feet):	1,000	Longitude (decimal):	-92.095
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
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Port Facilities by Waterway

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Port: Lake Superior		
Location: South side, Howards Bay, approx. 800 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
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Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair.		
Depth Alongside (feet): 16 - 27		Latitude (decimal): 46.74
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.095

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Waterway:	Howards Bay	Mile:	PWD: 45
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Operator:	Fraser Shipyard, Inc.		
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Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair.		
Depth Alongside (feet):	16 - 27	Latitude (decimal):	46.74
Total Berthing Space (feet):	1,000	Longitude (decimal):	-92.095
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
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Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 45
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Port: Lake Superior		
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Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair.		
Depth Alongside (feet):	16 - 27	Latitude (decimal):	46.74
Total Berthing Space (feet):	1,000	Longitude (decimal):	-92.095
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
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Railway Connection: None.		
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Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair.		
Depth Alongside (feet): 16 - 27		Latitude (decimal): 46.74
Total Berthing Space (feet): 1,000		Longitude (decimal): -92.095

Waterway: Howards Bay	Mile:	PWD: 45
Name: Fraser Shipyard, Cumming Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 800 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair.		
Depth Alongside (feet): 16 - 27		Latitude (decimal): 46.74
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Town:	Superior	State:	WI
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Railway Connection:	None.		
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Depth Alongside (feet):	16 - 27	Latitude (decimal):	46.74
Total Berthing Space (feet):	1,000	Longitude (decimal):	-92.095
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
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Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
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Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Port Facilities by Waterway

Waterway:	Howards Bay	Mile:	PWD: 44
Name:	Fraser Shipyard, Cumming Slip.		
Port:	Lake Superior		
Location:	South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator:	Fraser Shipyard, Inc.		
Owner:	Fraser Shipyard, Inc.		
Address:	3rd Street and Clough Avenue.	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet):	17 - 20	Latitude (decimal):	46.738889
Total Berthing Space (feet):	887	Longitude (decimal):	-92.09583
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engnrs Waterway Code:	79283
			Detroit District
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engnrs Waterway Code:	79283
			Detroit District
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.		
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Port Series:	49	Year of Last Survey:	1999
		Corps of Engnrs Waterway Code:	79283
			Detroit District

Port Facilities by Waterway

Remarks: Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re ☐ Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
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Waterway: Howards Bay	Mile:	PWD: 44
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Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
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Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
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Port Facilities by Waterway

Waterway:	Howards Bay		Mile:	PWD: 44
Name:	Fraser Shipyard, Cumming Slip.			
Port:	Lake Superior			
Location:	South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum:	LWD
Operator:	Fraser Shipyard, Inc.			
Owner:	Fraser Shipyard, Inc.			
Address:	3rd Street and Clough Avenue.		Phone:	715/394-7787
Town:	Superior	State:	WI	County: Douglas
Railway Connection:	None.			
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.			
Depth Alongside (feet):	17 - 20			Latitude (decimal): 46.738889
Total Berthing Space (feet):	887			Longitude (decimal): -92.09583
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.			
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code: 79283 Detroit District
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.			
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Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Remarks: Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re ☐ Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
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Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
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Railway Connection: None.		
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Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
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Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
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Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
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Port Facilities by Waterway

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Name: Fraser Shipyard, Cumming Slip.		
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Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
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Waterway: Howards Bay	Mile:	PWD: 44
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Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
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Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
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Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Port Facilities by Waterway

Waterway:	Howards Bay		Mile:	PWD: 44
Name:	Fraser Shipyard, Cumming Slip.			
Port:	Lake Superior			
Location:	South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum:	LWD
Operator:	Fraser Shipyard, Inc.			
Owner:	Fraser Shipyard, Inc.			
Address:	3rd Street and Clough Avenue.		Phone:	715/394-7787
Town:	Superior	State:	WI	County: Douglas
Railway Connection:	None.			
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.			
Depth Alongside (feet):	17 - 20			Latitude (decimal): 46.738889
Total Berthing Space (feet):	887			Longitude (decimal): -92.09583
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.			
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code: 79283 Detroit District
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Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code: 79283 Detroit District
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.			
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Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Remarks: Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re ☐ Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnr's Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
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Name: Fraser Shipyard, Cumming Slip.		
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Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

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Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Port Facilities by Waterway

Waterway:	Howards Bay		Mile:	PWD: 44
Name:	Fraser Shipyard, Cumming Slip.			
Port:	Lake Superior			
Location:	South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum:	LWD
Operator:	Fraser Shipyard, Inc.			
Owner:	Fraser Shipyard, Inc.			
Address:	3rd Street and Clough Avenue.		Phone:	715/394-7787
Town:	Superior	State:	WI	County: Douglas
Railway Connection:	None.			
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.			
Depth Alongside (feet):	17 - 20			Latitude (decimal): 46.738889
Total Berthing Space (feet):	887			Longitude (decimal): -92.09583
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.			
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code: 79283 Detroit District
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.			
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Port Facilities by Waterway

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
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Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
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Name: Fraser Shipyard, Cumming Slip.		
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Town:	Superior	State:	WI	County: Douglas
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Port Facilities by Waterway

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Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

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Railway Connection:	None.		
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Depth Alongside (feet):	17 - 20	Latitude (decimal):	46.738889
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Port Series:	49	Year of Last Survey:	1999
Corps of Engrs Waterway Code:	79283	Detroit District	
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.		
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Port Series:	49	Year of Last Survey:	1999
Corps of Engrs Waterway Code:	79283	Detroit District	
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.		
Port Series:	49	Year of Last Survey:	1999
Corps of Engrs Waterway Code:	79283	Detroit District	

Port Facilities by Waterway

Remarks: Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re ☐ Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
Total Berthing Space (feet): 887		Longitude (decimal): -92.09583

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 44
Name: Fraser Shipyard, Cumming Slip.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
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Name: Fraser Shipyard, Cumming Slip.		
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Location: South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
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Name: Fraser Shipyard, Cumming Slip.		
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Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.		
Depth Alongside (feet): 17 - 20		Latitude (decimal): 46.738889
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Port Facilities by Waterway

Waterway:	Howards Bay		Mile:	PWD: 44
Name:	Fraser Shipyard, Cumming Slip.			
Port:	Lake Superior			
Location:	South side, Howards Bay, approx. 500 feet above Connors Point span of John A. Blatnick Bridge.		Datum:	LWD
Operator:	Fraser Shipyard, Inc.			
Owner:	Fraser Shipyard, Inc.			
Address:	3rd Street and Clough Avenue.		Phone:	715/394-7787
Town:	Superior	State:	WI	County: Douglas
Railway Connection:	None.			
Purpose:	Mooring ships during closed navigation season; mooring vessels awaiting repair and occasional mooring for repair.			
Depth Alongside (feet):	17 - 20			Latitude (decimal): 46.738889
Total Berthing Space (feet):	887			Longitude (decimal): -92.09583
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.			
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code: 79283 Detroit District
Remarks:	Vessels up to 1,000 feet in length extend across entrance to Cumming Slip when berthed at Cumming Dock (P.W.D. Ref. No. 45.). Howard Bay has 27-foot depth (LWD) up to No. 1 Dry Dock entrance located at P.W.D. Re <input type="checkbox"/> Cranes can be mounted on two company-owned, steel deck barges as required: 'SS C-1' 146- by 56-foot; 'Sadie' 64- by 24-foot.			
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Port Facilities by Waterway

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Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 47
Name: Fraser Shipyard, Lamborn Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
Total Berthing Space (feet): 700		Longitude (decimal): -92.09194

Waterway: Howards Bay	Mile:	PWD: 47
Name: Fraser Shipyard, Lamborn Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
Total Berthing Space (feet): 700		Longitude (decimal): -92.09194

Waterway: Howards Bay	Mile:	PWD: 47
Name: Fraser Shipyard, Lamborn Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
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Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 47
Name: Fraser Shipyard, Lamborn Mooring Dock.		
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Operator: Fraser Shipyard, Inc.		
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Port Facilities by Waterway

Waterway:	Howards Bay	Mile:	PWD: 47
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Port:	Lake Superior		
Location:	South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator:	Fraser Shipyard, Inc.		
Owner:	Fraser Shipyard, Inc.		
Address:	3rd Street and Clough Avenue.	Phone:	715/394-7787
Town:	Superior	State:	WI
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Railway Connection:	None.		
Purpose:	Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet):	24 - 27	Latitude (decimal):	46.738333
Total Berthing Space (feet):	700	Longitude (decimal):	-92.09194
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engrs Waterway Code: 79283	Detroit District
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
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Port Facilities by Waterway

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Location: South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
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Waterway:	Howards Bay	Mile:	PWD: 47
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Operator:	Fraser Shipyard, Inc.		
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Address:	3rd Street and Clough Avenue.	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet):	24 - 27	Latitude (decimal):	46.738333
Total Berthing Space (feet):	700	Longitude (decimal):	-92.09194
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
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Port Facilities by Waterway

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Waterway: Howards Bay	Mile:	PWD: 47
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Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
Total Berthing Space (feet): 700		Longitude (decimal): -92.09194

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 47
Name: Fraser Shipyard, Lamborn Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
Total Berthing Space (feet): 700		Longitude (decimal): -92.09194

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Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
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Port Facilities by Waterway

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Name:	Fraser Shipyard, Lamborn Mooring Dock.		
Port:	Lake Superior		
Location:	South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator:	Fraser Shipyard, Inc.		
Owner:	Fraser Shipyard, Inc.		
Address:	3rd Street and Clough Avenue.	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet):	24 - 27	Latitude (decimal):	46.738333
Total Berthing Space (feet):	700	Longitude (decimal):	-92.09194
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
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Railway Connection: None.		
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Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283			Detroit District
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Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283			Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 47
Name: Fraser Shipyard, Lamborn Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
Total Berthing Space (feet): 700		Longitude (decimal): -92.09194

Waterway: Howards Bay	Mile:	PWD: 47
Name: Fraser Shipyard, Lamborn Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
Total Berthing Space (feet): 700		Longitude (decimal): -92.09194

Waterway: Howards Bay	Mile:	PWD: 47
Name: Fraser Shipyard, Lamborn Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
Total Berthing Space (feet): 700		Longitude (decimal): -92.09194

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 47
Name: Fraser Shipyard, Lamborn Mooring Dock.		
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Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
Total Berthing Space (feet): 700		Longitude (decimal): -92.09194

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Name: Fraser Shipyard, Lamborn Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
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Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue.		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet): 24 - 27		Latitude (decimal): 46.738333
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Port Facilities by Waterway

Waterway:	Howards Bay	Mile:	PWD: 47
Name:	Fraser Shipyard, Lamborn Mooring Dock.		
Port:	Lake Superior		
Location:	South side, Howards Bay, approx. 2,000 feet above Connors Point span of John A. Blatnick Bridge.		Datum: LWD
Operator:	Fraser Shipyard, Inc.		
Owner:	Fraser Shipyard, Inc.		
Address:	3rd Street and Clough Avenue.	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
Purpose:	Mooring ships for repair and shipbreaking; mooring vessels during closed navigation season.		
Depth Alongside (feet):	24 - 27	Latitude (decimal):	46.738333
Total Berthing Space (feet):	700	Longitude (decimal):	-92.09194
Remarks:	At time of survey (1999), plans call for construction of new bulkhead in-line and contiguous with Fraser Shipyard's Cumming, Lamborn, and the lower portion of Outfitting docks (P.W.D. Ref. No, 45, 47, and 49) to continuous mooring space for vessels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District
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Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 50
Name: Fraser Shipyard, Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 4,500 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
Depth Alongside (feet): 8 - 18 27	Latitude (decimal): 46.735	
Total Berthing Space (feet): 140	Longitude (decimal): -92.08556	

Waterway: Howards Bay	Mile:	PWD: 50
Name: Fraser Shipyard, Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 4,500 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
Depth Alongside (feet): 8 - 18 27	Latitude (decimal): 46.735	
Total Berthing Space (feet): 140	Longitude (decimal): -92.08556	

Waterway: Howards Bay	Mile:	PWD: 50
Name: Fraser Shipyard, Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 4,500 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
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Port Facilities by Waterway

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Railway Connection: None.		
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Port Facilities by Waterway

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Port:	Lake Superior				
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Operator:	Fraser Shipyard, Inc.				
Owner:	Fraser Shipyard, Inc.				
Address:	3rd Street and Clough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
Purpose:	Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.				
Depth Alongside (feet):	8 - 18		27		Latitude (decimal): 46.735
Total Berthing Space (feet):	140				Longitude (decimal): -92.08556
Remarks:	Berthing space located above entrance to Graving Dock No. 1.□□				
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District		
Remarks: Berthing space located above entrance to Graving Dock No. 1.□□					
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
Depth Alongside (feet): 8 - 18 27	Latitude (decimal): 46.735	
Total Berthing Space (feet): 140	Longitude (decimal): -92.08556	

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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
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Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 50	
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Port:	Lake Superior					
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Owner:	Fraser Shipyard, Inc.					
Address:	3rd Street and Clough Avenue			Phone:	715/394-7787	
Town:	Superior	State:	WI	County:	Douglas	
Railway Connection:	None.					
Purpose:	Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.					
Depth Alongside (feet):	8 - 18		27		Latitude (decimal): 46.735	
Total Berthing Space (feet):	140				Longitude (decimal): -92.08556	
Remarks:	Berthing space located above entrance to Graving Dock No. 1.□□					
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283	Detroit District
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Port: Lake Superior		
Location: South side, Howards Bay, approx. 4,500 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
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Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
Depth Alongside (feet): 8 - 18 27	Latitude (decimal): 46.735	
Total Berthing Space (feet): 140	Longitude (decimal): -92.08556	

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 50
Name:	Fraser Shipyard, Mooring Dock.				
Port:	Lake Superior				
Location:	South side, Howards Bay, approx. 4,500 feet above Connors Point span of John A. Blatnick Bridge.				
Operator:	Fraser Shipyard, Inc.				
Owner:	Fraser Shipyard, Inc.				
Address:	3rd Street and Clough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
Purpose:	Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.				
Depth Alongside (feet):	8 - 18		27		Latitude (decimal): 46.735
Total Berthing Space (feet):	140				Longitude (decimal): -92.08556
Remarks:	Berthing space located above entrance to Graving Dock No. 1.□□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
					Detroit District
Remarks:	Berthing space located above entrance to Graving Dock No. 1.□□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
					Detroit District
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Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
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Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 50
Name: Fraser Shipyard, Mooring Dock.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 4,500 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
Depth Alongside (feet): 8 - 18 27	Latitude (decimal): 46.735	
Total Berthing Space (feet): 140	Longitude (decimal): -92.08556	

Waterway: Howards Bay	Mile:	PWD: 50
Name: Fraser Shipyard, Mooring Dock.		
Port: Lake Superior		
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Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Depth Alongside (feet): 8 - 18 27	Latitude (decimal): 46.735	
Total Berthing Space (feet): 140	Longitude (decimal): -92.08556	

Waterway: Howards Bay	Mile:	PWD: 50
Name: Fraser Shipyard, Mooring Dock.		
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Location: South side, Howards Bay, approx. 4,500 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
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Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
Depth Alongside (feet): 8 - 18 27	Latitude (decimal): 46.735	
Total Berthing Space (feet): 140	Longitude (decimal): -92.08556	

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 50
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Depth Alongside (feet): 8 - 18 27	Latitude (decimal): 46.735	
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Waterway: Howards Bay	Mile:	PWD: 50
Name: Fraser Shipyard, Mooring Dock.		
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Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
Depth Alongside (feet): 8 - 18 27	Latitude (decimal): 46.735	
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Waterway: Howards Bay	Mile:	PWD: 50
Name: Fraser Shipyard, Mooring Dock.		
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Location: South side, Howards Bay, approx. 4,500 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd Street and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.		
Depth Alongside (feet): 8 - 18 27	Latitude (decimal): 46.735	
Total Berthing Space (feet): 140	Longitude (decimal): -92.08556	

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 50
Name:	Fraser Shipyard, Mooring Dock.				
Port:	Lake Superior				
Location:	South side, Howards Bay, approx. 4,500 feet above Connors Point span of John A. Blatnick Bridge.				Datum: LWD
Operator:	Fraser Shipyard, Inc.				
Owner:	Fraser Shipyard, Inc.				
Address:	3rd Street and Clough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
Purpose:	Mooring vessels during closed navigation season; mooring vessels for repair and mooring company-owned floating equipment.				
Depth Alongside (feet):	8 - 18		27		Latitude (decimal): 46.735
Total Berthing Space (feet):	140				Longitude (decimal): -92.08556
Remarks:	Berthing space located above entrance to Graving Dock No. 1.□□				
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283	Detroit District		
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Port Facilities by Waterway

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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Port Facilities by Waterway

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Port Facilities by Waterway

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Owner:	Fraser Shipyard, Inc.							
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Town:	Superior		State:	WI		County: Douglas		
Railway Connection:	None.							
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Remarks:	Berthing space located above entrance to Graving Dock No. 1.□□							
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283	Detroit District		
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Total Berthing Space (feet):	140	Longitude (decimal):	-92.08556
Remarks:	Berthing space located above entrance to Graving Dock No. 1.□□		
Port Series:	49	Year of Last Survey:	1999
Corps of Engnr's Waterway Code:	79283	Detroit District	
Remarks:	Berthing space located above entrance to Graving Dock No. 1.□□		
Port Series:	49	Year of Last Survey:	1999
Corps of Engnr's Waterway Code:	79283	Detroit District	
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Port Series:	49	Year of Last Survey:	1999
Corps of Engnr's Waterway Code:	79283	Detroit District	

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
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Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
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Port: Lake Superior		
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Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
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Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Port Facilities by Waterway

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Town: Superior State: WI	County: Douglas	
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Operator: Fraser Shipyard, Inc.		
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Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 49
Name:	Fraser Shipyard, Outfitting Docks.				
Port:	Lake Superior				
Location:	South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge.			Datum:	LWD
Operator:	Fraser Shipyard, Inc.				
Owner:	Fraser Shipyard, Inc.				
Address:	3rd and Clough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
Purpose:	Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.				
Depth Alongside (feet):	27			Latitude (decimal):	46.736111
Total Berthing Space (feet):	850			Longitude (decimal):	-92.08806
Remarks:	231- and 325-foot portions of wharf located on lower side of entrance to Graving Dock No. 2; 350-foot portion located between Graving Docks Nos. 1 and 2. Vessels up to 850 feet are berthed across entrance to Gra				
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Port Series:	49	Year of Last Survey:	1999		

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
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Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
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Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 49
Name:	Fraser Shipyard, Outfitting Docks.				
Port:	Lake Superior				
Location:	South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge.			Datum:	LWD
Operator:	Fraser Shipyard, Inc.				
Owner:	Fraser Shipyard, Inc.				
Address:	3rd and Clough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
Purpose:	Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.				
Depth Alongside (feet):	27			Latitude (decimal):	46.736111
Total Berthing Space (feet):	850			Longitude (decimal):	-92.08806
Remarks:	231- and 325-foot portions of wharf located on lower side of entrance to Graving Dock No. 2; 350-foot portion located between Graving Docks Nos. 1 and 2. Vessels up to 850 feet are berthed across entrance to Gra				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
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Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 49
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Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
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Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
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Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
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Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 49
Name:	Fraser Shipyard, Outfitting Docks.				
Port:	Lake Superior				
Location:	South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge.			Datum:	LWD
Operator:	Fraser Shipyard, Inc.				
Owner:	Fraser Shipyard, Inc.				
Address:	3rd and Clough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
Purpose:	Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.				
Depth Alongside (feet):	27			Latitude (decimal):	46.736111
Total Berthing Space (feet):	850			Longitude (decimal):	-92.08806
Remarks:	231- and 325-foot portions of wharf located on lower side of entrance to Graving Dock No. 2; 350-foot portion located between Graving Docks Nos. 1 and 2. Vessels up to 850 feet are berthed across entrance to Gra				
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Port Facilities by Waterway

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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Port Facilities by Waterway

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Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
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Detroit District					

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard, Inc.		
Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
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Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
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Port Facilities by Waterway

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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
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Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Waterway: Howards Bay	Mile:	PWD: 49
Name: Fraser Shipyard, Outfitting Docks.		
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Owner: Fraser Shipyard, Inc.		
Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 49
Name:	Fraser Shipyard, Outfitting Docks.				
Port:	Lake Superior				
Location:	South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge.			Datum:	LWD
Operator:	Fraser Shipyard, Inc.				
Owner:	Fraser Shipyard, Inc.				
Address:	3rd and Clough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
Purpose:	Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.				
Depth Alongside (feet):	27			Latitude (decimal):	46.736111
Total Berthing Space (feet):	850			Longitude (decimal):	-92.08806
Remarks:	231- and 325-foot portions of wharf located on lower side of entrance to Graving Dock No. 2; 350-foot portion located between Graving Docks Nos. 1 and 2. Vessels up to 850 feet are berthed across entrance to Gra				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Detroit District					
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Address: 3rd and Clough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring vessels for repair, conversion, and outfitting; mooring company-owned floating equipment.		
Depth Alongside (feet): 27	Latitude (decimal): 46.736111	
Total Berthing Space (feet): 850	Longitude (decimal): -92.08806	

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Name: Fraser Shipyard, Outfitting Docks.		
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Owner:	Fraser Shipyard, Inc.				
Address:	3rd and Clough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
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Depth Alongside (feet):	27			Latitude (decimal):	46.736111
Total Berthing Space (feet):	850			Longitude (decimal):	-92.08806
Remarks:	231- and 325-foot portions of wharf located on lower side of entrance to Graving Dock No. 2; 350-foot portion located between Graving Docks Nos. 1 and 2. Vessels up to 850 feet are berthed across entrance to Gra				
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Location:	South side, Howards Bay, approx. 3,800 feet above Connors Point span of John A. Blatnick Bridge.			Datum:	LWD
Operator:	Fraser Shipyard, Inc.				
Owner:	Fraser Shipyard, Inc.				
Address:	3rd and Clough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
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Detroit District					

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 48
Name: Fraser Shipyard, Slip No. 1.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,700 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard Inc.		
Owner: Fraser Shipyard Inc.		
Address: 3rd Street and CLough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring small vessels for repair; mooring vessels during closed navigation season; mooring company-owned floating craft.		
Depth Alongside (feet): 7 - 8 17 15 - 18	Latitude (decimal): 46.737222	
Total Berthing Space (feet): - 530 550	Longitude (decimal): -92.09028	

Waterway: Howards Bay	Mile:	PWD: 48
Name: Fraser Shipyard, Slip No. 1.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,700 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard Inc.		
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Address: 3rd Street and CLough Avenue	Phone: 715/394-7787	
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Name: Fraser Shipyard, Slip No. 1.		
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Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 48
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Port:	Lake Superior				
Location:	South side, Howards Bay, approx. 2,700 feet above Connors Point span of John A. Blatnick Bridge.			Datum:	LWD
Operator:	Fraser Shipyard Inc.				
Owner:	Fraser Shipyard Inc.				
Address:	3rd Street and CLough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
Purpose:	Mooring small vessels for repair; mooring vessels during closed navigation season; mooring company-owned floating craft.				
Depth Alongside (feet):	7 - 8		17		15 - 18
Total Berthing Space (feet):	-		530		550
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
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Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	7928

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 48
Name: Fraser Shipyard, Slip No. 1.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,700 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard Inc.		
Owner: Fraser Shipyard Inc.		
Address: 3rd Street and CLough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring small vessels for repair; mooring vessels during closed navigation season; mooring company-owned floating craft.		
Depth Alongside (feet): 7 - 8 17 15 - 18	Latitude (decimal): 46.737222	
Total Berthing Space (feet): - 530 550	Longitude (decimal): -92.09028	

Waterway: Howards Bay	Mile:	PWD: 48
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Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,700 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
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Purpose: Mooring small vessels for repair; mooring vessels during closed navigation season; mooring company-owned floating craft.		
Depth Alongside (feet): 7 - 8 17 15 - 18	Latitude (decimal): 46.737222	
Total Berthing Space (feet): - 530 550	Longitude (decimal): -92.09028	

Waterway: Howards Bay	Mile:	PWD: 48
Name: Fraser Shipyard, Slip No. 1.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,700 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard Inc.		
Owner: Fraser Shipyard Inc.		
Address: 3rd Street and CLough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring small vessels for repair; mooring vessels during closed navigation season; mooring company-owned floating craft.		
Depth Alongside (feet): 7 - 8 17 15 - 18	Latitude (decimal): 46.737222	
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Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 48
Name: Fraser Shipyard, Slip No. 1.		
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Town: Superior State: WI	County: Douglas	
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Railway Connection: None.		
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Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 48
Name:	Fraser Shipyard, Slip No. 1.				
Port:	Lake Superior				
Location:	South side, Howards Bay, approx. 2,700 feet above Connors Point span of John A. Blatnick Bridge.			Datum:	LWD
Operator:	Fraser Shipyard Inc.				
Owner:	Fraser Shipyard Inc.				
Address:	3rd Street and CLough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
Purpose:	Mooring small vessels for repair; mooring vessels during closed navigation season; mooring company-owned floating craft.				
Depth Alongside (feet):	7 - 8		17		15 - 18
Total Berthing Space (feet):	-		530		550
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring small vessels for repair; mooring vessels during closed navigation season; mooring company-owned floating craft.		
Depth Alongside (feet): 7 - 8 17 15 - 18	Latitude (decimal): 46.737222	
Total Berthing Space (feet): - 530 550	Longitude (decimal): -92.09028	

Waterway: Howards Bay	Mile:	PWD: 48
Name: Fraser Shipyard, Slip No. 1.		
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Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
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Town: Superior State: WI	County: Douglas	
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Port Facilities by Waterway

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Port Facilities by Waterway

Waterway:	Howards Bay			Mile:	PWD: 48
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Address:	3rd Street and CLough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
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Total Berthing Space (feet):	-		530		550
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Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Detroit District					
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Operator:	Fraser Shipyard Inc.		
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Address:	3rd Street and CLough Avenue	Phone:	715/394-7787
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	None.		
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Depth Alongside (feet):	7 - 8 17 15 - 18	Latitude (decimal):	46.737222
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Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□		
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Port Series: 4					

Port Facilities by Waterway

Waterway: Howards Bay	Mile:	PWD: 48
Name: Fraser Shipyard, Slip No. 1.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,700 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard Inc.		
Owner: Fraser Shipyard Inc.		
Address: 3rd Street and CLough Avenue	Phone: 715/394-7787	
Town: Superior State: WI	County: Douglas	
Railway Connection: None.		
Purpose: Mooring small vessels for repair; mooring vessels during closed navigation season; mooring company-owned floating craft.		
Depth Alongside (feet): 7 - 8 17 15 - 18	Latitude (decimal): 46.737222	
Total Berthing Space (feet): - 530 550	Longitude (decimal): -92.09028	

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Total Berthing Space (feet): - 530 550	Longitude (decimal): -92.09028	

Waterway: Howards Bay	Mile:	PWD: 48
Name: Fraser Shipyard, Slip No. 1.		
Port: Lake Superior		
Location: South side, Howards Bay, approx. 2,700 feet above Connors Point span of John A. Blatnick Bridge. Datum: LWD		
Operator: Fraser Shipyard Inc.		
Owner: Fraser Shipyard Inc.		
Address: 3rd Street and CLough Avenue		Phone: 715/394-7787
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Mooring small vessels for repair; mooring vessels during closed navigation season; mooring company-owned floating craft.		
Depth Alongside (feet): 7 - 8 17 15 - 18	Latitude (decimal): 46.737222	
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Owner:	Fraser Shipyard Inc.				
Address:	3rd Street and CLough Avenue			Phone:	715/394-7787
Town:	Superior	State:	WI	County:	Douglas
Railway Connection:	None.				
Purpose:	Mooring small vessels for repair; mooring vessels during closed navigation season; mooring company-owned floating craft.				
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Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
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Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	79283
Remarks:	At time of survey (1999), plan for construction of new bulkhead would result in demolition of Graving Dock #3 and filling and paving existing Slip 1 area.□				
Port Series:	49	Year of Last Survey:	1999	Corps of Engnrs Waterway Code:	7928

Port Facilities by Waterway

Waterway: **Howards Bay** Mile: PWD: 43
 Name: **Siverson Fisheries Dock.**
 Port: Lake Superior
 Location: Head of Hughitt Slip, south side, Howards Bay, approx. 500 feet below Connors Point span of John A. Blat Datum: LWD
 Operator: Siverson Fisheries, Inc.
 Owner: Siverson Fisheries, Inc.
 Address: 1507 No. 1st St. Phone: 715/392-2100
 Town: Superior State: WI County: Douglas
 Railway Connection: None.
 Purpose: Occasional receipt of fish; off-season mooring for company-owned excursion vessel.
 Depth Alongside (feet): 17 | | Latitude (decimal): 46.738056
 Total Berthing Space (feet): 60 | | Longitude (decimal): -92.09889
 Remarks: Off-season mooring for the excursion vessel 'Wenonah'. Additional 339 feet of berthing space is available across slip from wharf along natural bank. Fish processing and cold storage plant at rear.

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79283 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 10
 Name: **Advance Boiler & Tank Co. Wharf**
 Port: Milwaukee
 Location: Milwaukee, East side 1,500 feet north of inner end of Municipal Mooring Basin. Datum: MLW
 Operator: Advance Boiler & Tank Co.
 Owner: Port of Milwaukee.
 Address: 1711 South Carferry Drive Phone: 414/482-3434
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring vessels for maintenance and repair.
 Depth Alongside (feet): 26 | | Latitude (decimal): 43.011944
 Total Berthing Space (feet): 650 | | Longitude (decimal): -87.89861
 Remarks: Marine repair facilities are located inside building at rear.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 26
 Name: **City of Milwaukee Sewerage Commission, Passenger Landing.**
 Port: Milwaukee
 Location: Milwaukee, left bank of Kinnickinnic River, approximately 1,200 feet above mouth of Menomonee River. Datum: MLW
 Operator: City of Milwaukee Sewerage Commission.
 Owner: City of Milwaukee.
 Address: Phone: 414/286-3701
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Terminal for passenger ferry to City of Milwaukee sewage disposal plant on Jones Island.
 Depth Alongside (feet): 15 | | Latitude (decimal): 43.0225
 Total Berthing Space (feet): 250 | | Longitude (decimal): -87.90583
 Remarks: A parking lot for Sewerage Commission employees is located at rear.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Kinnickinnic River** Mile: PWD: 18
 Name: **City of Milwaukee South 1st Street Dock.**
 Port: Milwaukee
 Location: Milwaukee, left bank of Kinnickinnic River, below South 1st Street Bridge. Datum: MLW
 Operator: Paragon Fish Corp., Anderson Fisheries and Weborg Fisheries
 Owner: City of Milwaukee.
 Address: 1970 South First Street Phone: 414/647-9224
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Receipt of fish; mooring fishing vessels.
 Depth Alongside (feet): 10 | | Latitude (decimal): 43.008333
 Total Berthing Space (feet): 400 | | Longitude (decimal): -87.91028
 Remarks: Buildings on wharf are used for storage of equipment and supplies.□□
 Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 23
 Name: **Construction Resources Management Wharf.**
 Port: Milwaukee
 Location: Milwaukee, left bank of Kinnickinnic River, south side of slip located 1,000 feet below Datum: MLW
 foot of East Gre
 Operator: Construction Resources Management, Inc.
 Owner: Construction Resources Management, Inc.
 Address: 301 East Washington Street. Phone: 414/524-1825
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Receipt and shipment of asphalt
 Depth Alongside (feet): 14 | | Latitude (decimal): 43.019167
 Total Berthing Space (feet): 723 | | Longitude (decimal): -87.90556
 Remarks: One 8-inch pipeline, extends from wharf to 2 steel storage tanks at rear, total capacity 47,600 barrels.□
 Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Kinnickinnic River** Mile: PWD: 14
 Name: **Continental Grain Co., Kinnickinnic Elevator Wharf.**
 Port: Milwaukee
 Location: Milwaukee, west side at outer end of Municipal Mooring Basin. Datum: MLW
 Operator: Continental Grain Co.
 Owner: Chicago and North Western Railway.
 Address: 960 East Bay Street. Phone: 414/481-7250
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: Chicago and North Western Railway: 6 surface tracks at rear of and 8 south of elevator, total capacity 80 cars, join 6 tracks serving car pits carloading spouts and dust collection units.
 Purpose: Receipt and shipment of grain.
 Depth Alongside (feet): 27 - 28 | | Latitude (decimal): 43.012778
 Total Berthing Space (feet): 1,490 | | Longitude (decimal): -87.90222
 Remarks: Grain elevator at rear with a total of 275 storage bins has storage capacity for 3,200,000 bushels. Face of wharf is in line and contiguous with Ref. No. 13.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 25
 Name: **Corps of Engineers Milwaukee Wharf.**
 Port: Milwaukee
 Location: Milwaukee, left bank of Kinnickinnic River, approximately 1,500 feet above mouth of Menomonee River. Datum: MLW
 Operator: U.S. Army Corps of Engineers.
 Owner: United States Government.
 Address: Phone: 414/279-3999
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring Corps of Engineers tugs, workboats, and other floating equipment.
 Depth Alongside (feet): 11 - 18 | | Latitude (decimal): 43.021667
 Total Berthing Space (feet): 306 | | Longitude (decimal): -87.90583
 Remarks: -□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Kinnickinnic River** Mile: PWD: 17
 Name: **Edward E. Gillen Co., Becher Street Yard Dock.**
 Port: Milwaukee
 Location: Milwaukee, right bank of Kinnickinnic River, below West Becher Street Bridge. Datum: MLW
 Operator: Edward E. Gillen Co.
 Owner: Edward E. Gillen Co.
 Address: 218 W. Becher Street. Phone: 414/769-3120
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring company-owned floating equipment; handling construction, materials and equipment.
 Depth Alongside (feet): 10 | 10 | Latitude (decimal): 43.006944
 Total Berthing Space (feet): 348 | 150 | Longitude (decimal): -87.91333
 Remarks: Open storage area for equipment and supplies, repair shops, supply warehouse, and office building are located in rear. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 11
 Name: **Edward S Gillen Co. Outer Harbor Dock.**
 Port: Milwaukee
 Location: Milwaukee, East side 900 feet north of inner end of Municipal Mooring Basin. Datum: MLW
 Operator: Edward S Gillen Co.
 Owner: Port of Milwaukee.
 Address: 1801 South Car ferry Drive Phone: 414/769-3120
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring vessels for maintenance and repair.
 Depth Alongside (feet): 26 | | Latitude (decimal): 43.010833
 Total Berthing Space (feet): 600 | | Longitude (decimal): -87.89833
 Remarks: Marine repair facilities located inside building at rear are supplemented by those located at the rear of Ref. No. 17 □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 20
 Name: **Kadinger Marine Service Wharf.**
 Port: Milwaukee
 Location: Milwaukee, left bank of Kinnickinnic River, below Chicago and North Western Railway bridge. Datum: MLW
 Operator: Kadinger Marine Service, Inc.
 Owner: Kadinger Marine Service, Inc.
 Address: 401 East Greenfield Avenue Phone: 414/383-2040
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring company-owned floating equipment.
 Depth Alongside (feet): 12 | | Latitude (decimal): 43.014167
 Total Berthing Space (feet): 320 | | Longitude (decimal): -87.90417
 Remarks: Five tugs used for docking and undocking vessels are based at wharf. □ □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Kinnickinnic River** Mile: PWD: 16
 Name: **Medusa Cement Co., Milwaukee Terminal Dock.**
 Port: Milwaukee
 Location: Milwaukee, right bank of Kinnickinnic River, below Kinnickinnic Avenue Bridge. Datum: MLW
 Operator: Medusa Cement Co., Division of Medusa Corp.
 Owner: Medusa Cement Co., Division of Medusa Corp.
 Address: 2006 Kinnickinnic Avenue. Phone: 414/481-6777
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Receipt of bulk cement by self-unloading vessel.
 Depth Alongside (feet): 20 | | Latitude (decimal): 43.008611
 Total Berthing Space (feet): 550 | | Longitude (decimal): -87.90722
 Remarks: Plant is equipped with 2 bagging machines, rate 600 bags per hour each, and two truck loading spouts. Twelve concrete storage silos at plant provide storage for 264,000 tons of cement.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnr's Waterway Code: 77690 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 24
 Name: **Miller Compressing Co., Dock.**
 Port: Milwaukee
 Location: Milwaukee, left bank of Kinnickinnic River, approximately 1,100 feet below foot of East Greenfield Avenue Datum: MLW
 Operator: Miller Compressing Company.
 Owner: Miller Compressing Company.
 Address: 900 South Water Street Phone: 414/671-5980
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: One 500-foot, marginal, surface track along side of slip joins additional trackage serving yard in rear; connect with Chicago and North Western Railway.
 Purpose: Receipt and shipment of scrap metal.
 Depth Alongside (feet): 12 - 27 | 20 - 27 | Latitude (decimal): 43.019444
 Total Berthing Space (feet): 600 | 710 | Longitude (decimal): -87.905
 Remarks: Processing plant, metal shear apparatus, and approximately 10 acres of open storage area with capacity for 250,000 tons of scrap metal are located at rear. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engnr's Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Kinnickinnic River** Mile: PWD: 21
 Name: **Milwaukee Bulk Terminals Wharf.**
 Port: Milwaukee
 Location: Milwaukee, left bank of Kinnickinnic River, above foot of East Greenfield Avenue. Datum: MLW
 Operator: Milwaukee Bulk Terminals.
 Owner: Port of Milwaukee.
 Address: 401 East Greenfield Avenue Phone: 414/769-1901
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Receipt and shipment of coal and micellaneous dry bulk materials.
 Depth Alongside (feet): 27 | | Latitude (decimal): 43.015278
 Total Berthing Space (feet): 826 | | Longitude (decimal): -87.90389
 Remarks: Open storage area at rear has capacity for approximately 400,000 tons of coal.□□
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 15
 Name: **Port of Milwaukee Grand Trunk Site Dock**
 Port: Milwaukee
 Location: Milwaukee, right bank of Kinnickinnic River, 400 feet above Chicago and North Western Railway bridge. Datum: MLW
 Operator: Not Operated (See Remarks)
 Owner: Port of Milwaukee.
 Address: South Marina Drive. Phone: 414/286-8140
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Not used.
 Depth Alongside (feet): 18 | 19 - 22 | Latitude (decimal): 43.011667
 Total Berthing Space (feet): 1,000 | | Longitude (decimal): -87.90472
 Remarks: At time of survey (1994), plans calling for a barge terminal to be constructed on the site were not complete. Approximately 30 acres of open storage area are located at rear.
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway:	Kinnickinnic River			Mile:	PWD: 7
Name:	Port of Milwaukee Municipal Heavy Lift Dock.				
Port:	Milwaukee				
Location:	Milwaukee, right bank, Kinnickinnic River, below entrance to Municipal Mooring Basin. Datum: MLW				
Operator:	Meehan Seaway Service, Ltd.				
Owner:	Port of Milwaukee.				
Address:	1225 South Carferry Drive.	Phone:	414/481-7000		
Town:	Milwaukee	State:	WI	County:	Milwaukee
Railway Connection:	Two connecting surface tracks along rear of face join additional trackage in rear; connect with Chicago and North Western Railway and CP Rail System.				
Purpose:	Receipt and shipment of conventional and containerized general cargo heavy lift items, dry bulk commodities, steel products, and scrap metal.				
Depth Alongside (feet):	22 - 28		14 - 25	Latitude (decimal):	43.018611
Total Berthing Space (feet):	1,659			Longitude (decimal):	-87.90194
Remarks:	Approximately 5 acres of paved, open storage area for containers is located at rear. Upper portion of wharf is used for mooring and Port of Milwaukee's tugboat 'Harbor Seagull'				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690	Detroit District		

Waterway:	Kinnickinnic River			Mile:	PWD: 13
Name:	Port of Milwaukee Municipal Mooring Basin West Side Open Dock.				
Port:	Milwaukee				
Location:	Milwaukee, west side at inner end of Municipal Mooring Basin.				Datum: MLW
Operator:	Not Operated.				
Owner:	Port of Milwaukee.				
Address:	1000 East Bay Street.	Phone:	414/286-8140		
Town:	Milwaukee	State:	WI	County:	Milwaukee
Railway Connection:	Three marginal surface tracks along rear of face and one track in rear; connect with Chicago and North Western Railway.				
Purpose:	Not used.				
Depth Alongside (feet):	27			Latitude (decimal):	43.009444
Total Berthing Space (feet):	504			Longitude (decimal):	-87.89861
Remarks:	Property was vacant at time of survey (1994). Face of wharf is in line and contiguous with Ref. No. 35.□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690	Detroit District		

Port Facilities by Waterway

Waterway: **Kinnickinnic River** Mile: PWD: 9

Name: **Port of Milwaukee North Bulk Cargo Wharf.**

Port: Milwaukee

Location: Milwaukee, right bank of Kinnickinnic River, east side, outer end of Municipal Mooring Basin. Datum: MLW

Operator: North American Salt Co.

Owner: Port of Milwaukee.

Address: 1551 South Carferry Drive. Phone: 414/482-3434

Town: Milwaukee State: WI County: Milwaukee

Railway Connection: One surface track serves loading facilities connects with Chicago and North Western Railway and CP Rail System.

Purpose: Receipt of salt by self-unloading vessel.

Depth Alongside (feet): 25 | | Latitude (decimal): 43.015278

Total Berthing Space (feet): 1,270 | | Longitude (decimal): -87.90056

Remarks: Two storage domes total capacity 30,000 tons and open storage area for 40,000 tons of salt are located at rear. An additional 6 acres of open storage are located approximately 3,000 feet south of wharf has capac of salt. Face of wharf is contiguous with Ref. No. 10.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 12

Name: **Port of Milwaukee South Bulk Cargo Wharf.**

Port: Milwaukee

Location: Milwaukee, East side at inner end of Municipal Mooring Basin. Datum: MLW

Operator: Akzo-Nobel Salt Inc.

Owner: Port of Milwaukee.

Address: 1835 South Carferry Drive. Phone: 414/482-2323

Town: Milwaukee State: WI County: Milwaukee

Railway Connection: Two surface tracks at rear of face, connect with Chicago and North Western Railway and CP Rail System.

Purpose: Receipt of bulk salt by self-unloading vessel.

Depth Alongside (feet): 19 - 25 | | Latitude (decimal): 43.009722

Total Berthing Space (feet): 1,930 | | Longitude (decimal): -87.89806

Remarks: Storage building at rear has capacity for 15,000 tons of salt. An additional open storage area on the opposite side of South Carferry Drive in rear has capacity for 57,000 tons of salt.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Kinnickinnic River** Mile: PWD: 8
 Name: **Port of Milwaukee, Municipal Dock.**
 Port: Milwaukee
 Location: Milwaukee, right bank, Kinnickinnic River, at entrance to Municipal Mooring Basin. Datum: MLW
 Operator: Duchow's Island Marine, Inc.
 Owner: Port of Milwaukee.
 Address: 1431 South Carferry Drive. Phone: 414/481-5649
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring small commercial vessels and recreational craft. (See Remarks.)
 Depth Alongside (feet): 13 - 15 | | Latitude (decimal): 43.016944
 Total Berthing Space (feet): 200 | | Longitude (decimal): -87.90111
 Remarks: Duchow's Island Marine, Inc. uses wharf for mooring, servicing, and repairing small vessels and operates 4 buildings at rear of east portion. □
 Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 22
 Name: **University of Wisconsin-Milwaukee, Great Lakes Research Facility W**
 Port: Milwaukee
 Location: Milwaukee, left bank of Kinnickinnic River, below foot of East Greenfield Avenue. Datum: MLW
 Operator: University of Wisconsin-Milwaukee.
 Owner: State of Wisconsin.
 Address: 600 East Greenfield Avenue. Phone: 414/ 382-1700
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring research vessels.
 Depth Alongside (feet): 20 | 15 - 20 | Latitude (decimal): 43.017778
 Total Berthing Space (feet): 200 | 1,250 | Longitude (decimal): -87.90306
 Remarks: Research center and offices are located in concrete building at rear of wharf. □ □
 Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Waterway: **Kinnickinnic River** Mile: PWD: 19
 Name: **Wisconsin Wrecking Co. Wharf.**
 Port: Milwaukee
 Location: Milwaukee, left bank of Kinnickinnic River, above Chicago and North Western Railway bridge. Datum: MLW
 Operator: Wisconsin Wrecking Co.
 Owner: Wisconsin Wrecking Co.
 Address: 311 East. Greenfield Avenue Phone: 414/645-4700
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: One unused surface track along rear of face; connects with Chicago and North Western Railway.
 Purpose: Receipt and shipment of crushed stone by barge.
 Depth Alongside (feet): 22 | | Latitude (decimal): 43.012778
 Total Berthing Space (feet): 670 | | Longitude (decimal): -87.905
 Remarks: Approximately 45 acres of open storage area are located at rear. □ □
 Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Lake Betsie** Mile: PWD: 118
 Name: **Koch Materials, Elberta Dock**
 Port: Frankfort Harbor
 Location: Elberta, south side, Lake Betsie, approximately 1,500 feet east of entrance from Lake Michigan. Datum: LWD
 Operator: Koch Materials, Elberta Dock
 Owner: Koch Industries.
 Address: 1300 Furnace Avenue Phone: 616/352-9678
 Town: Elberta State: MI County: Benzie
 Railway Connection: None.
 Purpose: Receipt of asphalt
 Depth Alongside (feet): 30 | | Latitude (decimal): 44.628611
 Total Berthing Space (feet): 400 | | Longitude (decimal): -86.24056
 Remarks: One 10- and one 8-inch pipelines extend from wharf to 4 steel storage tanks at rear, total capacity 268,000 barrels. One additional 10-inch pipeline was not in service and was blanked at time of survey. Face of w contiguous with Ref. No. 119

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77510 Detroit District

Waterway: **Lake Betsie** Mile: PWD: 119
 Name: **Woodland Harvesting Dock.**
 Port: Frankfort Harbor
 Location: Elberta, south side, Lake Betsie, approximately 2,300 feet east of entrance from Lake Michigan. Datum: LWD
 Operator: Woodland Harvesting Inc.
 Owner: State of Michigan
 Address: 1213 Furnace Avenue Phone: 800/356-6290
 Town: Elberta State: MI County: Benzie
 Railway Connection: None.
 Purpose: Shipment of pulpwood.
 Depth Alongside (feet): 30 | | Latitude (decimal): 44.628611
 Total Berthing Space (feet): 400 | | Longitude (decimal): -86.23889
 Remarks: Open storage area at rear has capacity for approximately 30,000 cords (3,840,000) cubic feet) of pulpwood. Face of wharf is in line and contiguous with Ref. No. 118

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77510 Detroit District

Port Facilities by Waterway

Waterway: **Lake Charlevoix** Mile: PWD: 113
 Name: **H. & D., Ironton Stone Dock.**
 Port: Charlevoix
 Location: South shore of Lake Charlevoix at entrance to South Arm. Datum: LWD
 Operator: H & D Inc.
 Owner: H & D Inc.
 Address: Foot of Fifth Street. Phone: 616/347-2547
 Town: Ironton State: MI County: Charlevoix
 Railway Connection: None.
 Purpose: Receipt of limestone by self-unloading vessel.
 Depth Alongside (feet): 20 | | Latitude (decimal): 45.259722
 Total Berthing Space (feet): 300 | | Longitude (decimal): -85.18389
 Remarks: Open storage area at rear has capacity for approximately 23,000 tons. □ □ The Ironton Cable Ferry, operated by Charlevoix County Transportation Authority operates across South Arm between landings located approximately 1,000 feet south of facility, providing a shortcut route between Ironton and Boyne City.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77433 Detroit District

Waterway: **Lake Charlevoix** Mile: PWD: 114
 Name: **Wolverine Power Supply Cooperative, Advance Steam Plant Coal Dock.**
 Port: Charlevoix
 Location: South shore of Lake Charlevoix approximately 2< miles northwest of Boyne City. Datum: LWD
 Operator: Wolverine Power Supply Cooperative, Inc.
 Owner: Wolverine Power Supply Cooperative, Inc.
 Address: 04545 Lakeshore Drive Phone: 616/582-6539
 Town: Advance State: MI County: Charlevoix
 Railway Connection: None.
 Purpose: Receipt of coal by self-unloading vessel.
 Depth Alongside (feet): 25 - 30 | | Latitude (decimal): 45.218889
 Total Berthing Space (feet): 630 | | Longitude (decimal): -85.06639
 Remarks: Open storage area at rear has capacity for approximately 40,000 tons of coal and an adjacent storage area has capacity for an additional 60,000 tons. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77439 Detroit District

Port Facilities by Waterway

Waterway: **Lake Macatawa** Mile: PWD: 162
 Name: **Brewer's City Dock**
 Port: Holland
 Location: Holland, south side, Lake Macatawa, approximately 0.3 mile below Butternut Drive Datum: LWD
 (U.S. Highway BR 31) Br
 Operator: Brewer's City Dock, Inc
 Owner: Brewer's City Dock, Inc
 Address: 24 Pine Avenue. Phone: 616/396-6563
 Town: Holland State: MI County: Ottawa
 Railway Connection: None.
 Purpose: Receipt of limestone aggregate and occasionally salt by self-unloading vessel.
 Depth Alongside (feet): 22 | | Latitude (decimal): 42.796111
 Total Berthing Space (feet): 850 | | Longitude (decimal): -86.11444
 Remarks: Open storage area at rear has normal capacity for 120,000 tons. □ □
 Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77578 Detroit District

Waterway: **Lake Macatawa** Mile: PWD: 161
 Name: **James DeYoung Generating Plant Dock**
 Port: Holland
 Location: Holland, south side, Lake Macatawa, approximately 0.4 mile below Butternut Drive Datum: LWD
 (U.S. Highway BR 31) Br
 Operator: City of Holland; Board of Public Works.
 Owner: City of Holland; Board of Public Works.
 Address: 64 Pine Avenue. Phone: 616/392-4014
 Town: Holland State: MI County: Ottawa
 Railway Connection: None.
 Purpose: Receipt of coal by self-unloading vessel.
 Depth Alongside (feet): 21 - 22 | | Latitude (decimal): 42.794444
 Total Berthing Space (feet): 1000 | | Longitude (decimal): -86.11556
 Remarks: Open storage area at rear has normal capacity for 160,000 tons of coal. □ □
 Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77578 Detroit District

Port Facilities by Waterway

Waterway: **Lake Macatawa** Mile: PWD: 158
 Name: **Lake Michigan Contractors, Dock.**
 Port: Holland
 Location: Holland, south side, Lake Macatawa, approximately 0.9 mile below Butternut Drive Datum: LWD
 (U.S. Highway BR 31) Br
 Operator: Lake Michigan Contractors, Inc.
 Owner: Lake Michigan Contractors, Inc.
 Address: 216 Van Raalte Avenue Phone: 616/392-2958
 Town: Holland State: MI County: Ottawa
 Railway Connection: None.
 Purpose: Receipt of limestone aggregate by self-unloading vessel; handling construction material and equipment; Mooring company-owned floating equipment.
 Depth Alongside (feet): 9 | 21 | 9 Latitude (decimal): 42.79
 Total Berthing Space (feet): 300 | 200 | 200 Longitude (decimal): -86.12139
 Remarks: Open storage area at rear has capacity for 20,000 tons of material. □ □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77578 Detroit District

Waterway: **Lake Macatawa** Mile: PWD: 160
 Name: **Macatawa Bay Dock and Terminal Co. Wharf**
 Port: Holland
 Location: Holland, south side, Lake Macatawa, approximately 0.6 mile below Butternut Drive Datum: LWD
 (U.S. Highway BR 31) Br
 Operator: Macatawa Bay Dock and Terminal Co.
 Owner: Bay Side Land Co.
 Address: 120 South River Avenue. Phone: 616/396-6521
 Town: Holland State: MI County: Ottawa
 Railway Connection: Macatawa Bay Terminal Railway: One surface track along rear of face, joins additional plant trackage, connects with CSX Transportation.
 Purpose: Receipt of pig iron; Shipment of scrap metal by vessel and barge.
 Depth Alongside (feet): 22 | | Latitude (decimal): 42.791944
 Total Berthing Space (feet): 855 | | Longitude (decimal): -86.11639
 Remarks: Open storage area at scrap metal processing plant in rear has capacity for approximately 200,000 tons of scrap metal. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77578 Detroit District

Port Facilities by Waterway

Waterway: **Lake Macatawa** Mile: PWD: 159

Name: **VerPlank Dock Co. Holland Dock.**

Port: Holland

Location: Holland, south side, Lake Macatawa, approximately 0.5 mile below Butternut Drive Datum: LWD
(U.S. Highway BR 31) Br

Operator: VerPlank Dock Co.

Owner: VerPlank Dock Co.

Address: Lake Street and Van Raalte Avenue Phone: 616/842-1448

Town: Holland State: MI County: Ottawa

Railway Connection: Three surface tracks at unused cement silos in rear connect with CSX Transportation.

Purpose: Receipt of limestone by self-unloading vessel; handling construction material and equipment; Mooring company-owned floating equipment.

Depth Alongside (feet): 21 | | Latitude (decimal): 42.790833

Total Berthing Space (feet): 800 | | Longitude (decimal): -86.11889

Remarks: Open storage area at rear of lower section has capacity for 75,000 tons of limestone. Two 8-inch pipelines extend to upper section from an inactive cement terminal at rear consisting of 6 concrete silos with 2 in capacity for 7,000 tons.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77578 Detroit District

Waterway: **Lake Michigan** Mile: PWD: 115

Name: **Medusa Cement Co. Charlevoix Plant Dock.**

Port: Charlevoix

Location: Charlevoix, easterly shore of Lake Michigan; a private breakwater protected slip, Datum: LWD
situated 1.5 miles wes

Operator: Medusa Cement Co.

Owner: Medusa Cement Co.

Address: Bells Bay Road. Phone: 616/547-9971

Town: Charlevoix State: MI County: Charlevoix

Railway Connection: None.

Purpose: Shipment of cement; Receipt of coal by self-unloading vessel.

Depth Alongside (feet): 27 | 27 | Latitude (decimal): 45.316389

Total Berthing Space (feet): 690 | - | Longitude (decimal): -85.29583

Remarks: Twelve concrete storage silos at rear of North side have capacity for 73,000 tons of cement. Open storage area at rear of South side has capacity for 52,500 tons of coal.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77433 Detroit District

Port Facilities by Waterway

Waterway: **Lake Michigan** Mile: PWD: 111
 Name: **Sand Products Corp., Manitou Paymen Sand Plant Dock.**
 Port: Lake Michigan
 Location: North shore of Lake Michigan; North side of a private breakwater protected harbor, Datum: LWD
 situated 29 miles nor
 Operator: Sand Products Corp.
 Owner: Sand Products Corp.
 Address: 4931 West U.S. Highway 2 Phone: 906/292-5432
 Town: Brevort State: MI County: Mackinac
 Railway Connection: None.
 Purpose: Shipment of sand; receipt of logs for veneering (See Remarks).
 Depth Alongside (feet): 22 - 25 | | Latitude (decimal): 46.027778
 Total Berthing Space (feet): 750 | | Longitude (decimal): -85.10306
 Remarks: Storage building at rear has capacity for 60,000 tons of sand. □ Logs are unloaded into trucks and
 transported directly to a mill located inland.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77991 Detroit District

Waterway: **Lake Michigan** Mile: PWD: 110
 Name: **Specialty Minerals, Port Inland Dock.**
 Port: Lake Michigan
 Location: North shore of Lake Michigan; West side of a private breakwater protected harbor, Datum: LWD
 situated 3.5 miles nor
 Operator: Specialty Minerals, Inc.
 Owner: Minerals, Technologies, Inc.
 Address: County Road 432 Phone: 906/283-3456
 Town: Gulliver State: MI County: Schoolcraft
 Railway Connection: Trackage serving quarry and processing facilities in rear connects with Wisconsin Central
 Railroad.
 Purpose: Shipment of quarried limestone.
 Depth Alongside (feet): 29 | | Latitude (decimal): 45.967778
 Total Berthing Space (feet): 800 | | Longitude (decimal): -85.87194
 Remarks: Barges are loaded along 300 foot bulkhead forming north side of harbor. Open storage area at rear
 has capacity for 200,000 tons, additional unlimited storage area is available at quarry as required.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77934 Detroit District

Port Facilities by Waterway

Waterway: **Lake Michigan** Mile: PWD: 40

Name: **Wisconsin Electric Power Co. Port Washington Plant, Coal Dock.**

Port: Milwaukee

Location: Westerly shore of Lake Michigan, south side of Port Washington Harbor, at entrance. Datum: MLW

Operator: Wisconsin Electric Power Co.

Owner: Wisconsin Electric Power Co.

Address: 176 South Wisconsin Street Phone: 414/284-5161

Town: Port Washington State: WI County: Ozaukee

Railway Connection: None.

Purpose: Receipt of coal by self-unloading vessel.

Depth Alongside (feet): 21 - 30 | Latitude (decimal): 43.385833

Total Berthing Space (feet): 1,000 | Longitude (decimal): -87.86611

Remarks: Open storage area at rear has capacity for approximately 500,000 tons of coal.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77702 Detroit District

Waterway: **Little Bay De Noc** Mile: PWD: 100

Name: **Basic Marine, Dock.**

Port: Lake Michigan

Location: Escanaba, southwesterly shore of Little Bay De Noc, approximately one mile west of outer end of Sand Poi Datum: LWD

Operator: Basic Marine, Inc.

Owner: Basic Marine, Inc.

Address: 440 North Tenth St. Phone: 906/786-7120

Town: Escanaba State: MI County: Delta

Railway Connection: One surface track at rear of property connects with Chicago and North Western Railway.

Purpose: Mooring vessels for repair and outfitting; mooring floating drydock.

Depth Alongside (feet): 20 | 25 | 20 - 12 Latitude (decimal): 45.749722

Total Berthing Space (feet): 65 | 260 | 100 Longitude (decimal): -87.05722

Remarks: One 2,000-long ton, 160- by 65-foot floating drydock is moored along lower side of pier.□

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77875 Detroit District

Waterway: **Little Bay De Noc** Mile: PWD: 102

Name: **Chicago and North Western Railway, Ore Dock No. 6.**

Port: Lake Michigan

Location: Escanaba, west shore of Little Bay De Noc, approximately 3,000 feet south of mouth of Escanaba River. Datum: LWD

Operator: Chicago and North Western Railway.

Owner: Chicago and North Western Railway.

Address: 1600 Sheridan Road Phone: 906/786-2146

Town: Escanaba State: MI County: Delta

Railway Connection: Chicago and North Western Railway: Surface tracks serving 3-car rotary car dumper connect with Middle Yard and No. 6 Ore Yard, total capacity 2,000 cars.

Purpose: Shipment of iron ore pellets.

Depth Alongside (feet): - | 28 - 31 | 28 - 32 Latitude (decimal): 45.7675

Total Berthing Space (feet): - | 1,979 | 1,979 Longitude (decimal): -87.07306

Remarks: Open storage area at rear has capacity for 2,000,000 tons of iron ore pellets.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77875 Detroit District

Port Facilities by Waterway

Waterway: **Little Bay De Noc** Mile: PWD: 99
 Name: **City of Escanaba Municipal Dock.**
 Port: Lake Michigan
 Location: Escanaba, southwesterly shore of Little Bay De Noc, approximately 3,000 feet west of outer end of Sand Datum: LWD
 Operator: City of Escanaba, and U.S. Coast Guard.
 Owner: City of Escanaba.
 Address: Phone: 906-786-4141
 Town: Escanaba State: MI County: Delta
 Railway Connection: None.
 Purpose: Occasional mooring of U.S. Coast Guard and other vessels.
 Depth Alongside (feet): 17 - 0 | 17 - 0 | 17 Latitude (decimal): 45.747222
 Total Berthing Space (feet): 508 | 400 | 150 Longitude (decimal): -87.04722
 Remarks: City park located at rear.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77875 Detroit District

Waterway: **Little Bay De Noc** Mile: PWD: 106
 Name: **Defense Fuel Supply Center, Escanaba Terminal Dock.**
 Port: Lake Michigan
 Location: Escanaba (Wells), west shore of Little Bay De Noc, approximately one mile north of mouth of Escanaba Riv Datum: LWD
 Operator: Continental Services Co., Inc.
 Owner: U.S. Government.
 Address: Phone: 906/786-0239
 Town: Escanaba State: MI County: Delta
 Railway Connection: None.
 Purpose: Receipt of petroleum products.
 Depth Alongside (feet): 38 - 43 | | Latitude (decimal): 45.790833
 Total Berthing Space (feet): 435 | | Longitude (decimal): -87.05278
 Remarks: Two 10-inch pipelines extend from dock to 8 steel storage tanks in rear, total capacity 640,000 barrels.□

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77876 Detroit District

Port Facilities by Waterway

Waterway: **Little Bay De Noc** Mile: PWD: 104
 Name: **Gallagher Marine Construction Co., Escanaba Dock.**
 Port: Lake Michigan
 Location: Escanaba, west shore, Little Bay De Noc, approximately 1,000 feet south of mouth of Escanaba River. Datum: LWD
 Operator: Gallagher Marine Construction Co.
 Owner: City of Escanaba.
 Address: 2400 Lake Shore Drive Phone: 906-789-1122
 Town: Escanaba State: MI County: Delta
 Railway Connection: None.
 Purpose: Mooring contractor's floating equipment
 Depth Alongside (feet): 2 - 6 | | Latitude (decimal): 45.851111
 Total Berthing Space (feet): 125 | | Longitude (decimal): -87.00528
 Remarks: At time of survey (1994) a portion of the bulkhead had collapsed. Bulkhead is contiguous with inner end of Ref. No. 105.□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77875 Detroit District

Waterway: **Little Bay De Noc** Mile: PWD: 107
 Name: **Payne and Dolan, Inc. Escanaba Dock.**
 Port: Lake Michigan
 Location: Gladstone, west shore of Little Bay De Noc, 2,000 feet west of outer end of Saunders Point. Datum: LWD
 Operator: Payne and Dolan, Inc.
 Owner: Payne and Dolan, Inc.
 Address: 202 Delta Ave. Phone: 906/428-2906
 Town: Gladstone State: MI County: Delta
 Railway Connection: None.
 Purpose: Receipt of asphalt.
 Depth Alongside (feet): 23 | | Latitude (decimal): 45.834167
 Total Berthing Space (feet): 250 | | Longitude (decimal): -87.005
 Remarks: One 8-inch pipeline extends from wharf to 5 insulated, steel storage tanks at terminal in rear, total capacity 161,000 barrels.□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77878 Detroit District

Port Facilities by Waterway

Waterway: **Little Bay De Noc** Mile: PWD: 105
 Name: **The C. Reiss Coal Co., Escanaba Dock No. 1.**
 Port: Lake Michigan
 Location: Escanaba, west shore Little Bay De Noc, approximately 1,000 feet south of mouth of Escanaba River. Datum: LWD
 Operator: The C. Reiss Coal Co.; and Upper Peninsula Power Company.
 Owner: The C. Reiss Coal Co.
 Address: Power Plant Crossing Road. Phone: 906/786-2793
 Town: Escanaba State: MI County: Delta
 Railway Connection: None.
 Purpose: Receipt of coal by self-unloading vessel.
 Depth Alongside (feet): 21 - 27 | | Latitude (decimal): 45.850556
 Total Berthing Space (feet): 1150 | | Longitude (decimal): -87.00528
 Remarks: Remains of timber pier extends approximately 100 feet beyond east end. A concrete-surfaced open storage area at rear has capacity for 125,000 tons of coal and an additional 100,000 tons can be stored on an adja

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77875 Detroit District

Waterway: **Little Bay De Noc** Mile: PWD: 101
 Name: **The C. Reiss Coal Co., Escanaba Dock No. 2.**
 Port: Lake Michigan
 Location: Escanaba, west shore, Little Bay De Noc, approximately one mile northwest of Sand Point. Datum: LWD
 Operator: The C. Reiss Coal Co.
 Owner: The C. Reiss Coal Co.
 Address: Foot of North 10th St. Phone: 906/786-2793
 Town: Escanaba State: MI County: Delta
 Railway Connection: One surface track along rear of face connects with Chicago and North Western Railway.
 Purpose: Receipt of coal and limestone by self-unloading vessel.
 Depth Alongside (feet): 21 - 24 | | Latitude (decimal): 45.750556
 Total Berthing Space (feet): 1,900 | | Longitude (decimal): -87.08139
 Remarks: At time of survey (1993) plans called for installation of a water-cannon for additional fire protection. Open storage area at rear has capacity for 120,000 tons of coal and 360,000 tons of limestone.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77875 Detroit District

Port Facilities by Waterway

Waterway: **Little Bay De Noc** Mile: PWD: 108
 Name: **Upper Lakes Coal Co., Escanaba Dock.**
 Port: Lake Michigan
 Location: Gladstone, west shore of Little Bay De Noc, approximately 3,100 feet west of outer end of Saunders Point Datum: LWD
 Operator: Upper Lakes Coal Co., Inc.
 Owner: Upper Lakes Coal Co., Inc.
 Address: 205 Delta Avenue. Phone: 906/428-3616
 Town: Gladstone State: MI County: Delta
 Railway Connection: One surface track at rear connects with Wisconsin Central Ltd.
 Purpose: Receipt of limestone, coal, salt, and miscellaneous bulk materials by self-unloading vessel.
 Depth Alongside (feet): 21 | | Latitude (decimal): 45.834444
 Total Berthing Space (feet): 910 | | Longitude (decimal): -87.00833
 Remarks: A 43 acre open storage area at rear has capacity for approximately 300,000 tons of coal and 28,000 tons of salt or other bulk material. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77878 Detroit District

Waterway: **Little Bay De Noc** Mile: PWD: 103
 Name: **Upper Lakes Towing Co. Escanaba Dock.**
 Port: Lake Michigan
 Location: Escanaba, west shore, Little Bay De Noc, approximately 2,200 feet south of mouth of Escanaba River. Datum: LWD
 Operator: Upper Lakes Towing Co., Inc.
 Owner: Upper Lakes Towing Co., Inc.
 Address: 1423 North 19th Street Phone: 906/789-1130
 Town: Escanaba State: MI County: Delta
 Railway Connection: None.
 Purpose: Mooring company-owned equipment.
 Depth Alongside (feet): 18 | | Latitude (decimal): 45.771389
 Total Berthing Space (feet): 800 | | Longitude (decimal): -87.06333
 Remarks: -□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77875 Detroit District

Port Facilities by Waterway

Waterway: Manistee Lake	Mile:	PWD: 123
Name: Akzo-Nobel Salt Manistee Plant Dock.		
Port: Manistee Harbor		
Location: Manistee, west side, Manistee Lake, approximately 1.7 miles south of entrance from Manistee River. Datum: LWD		
Operator: Akzo-Nobel Salt Inc.		
Owner: Akzo-Nobel Salt Inc.		
Address: 1501 Main Street	Phone: 616/723-6266	
Town: Manistee	State: MI	County: Manistee
Railway Connection: One surface track serving plant in rear connects with CSX Transportation.		
Purpose: Receipt of coal by self-unloading vessel.		
Depth Alongside (feet): 19 - 21	Latitude (decimal): 44.230833	
Total Berthing Space (feet): 400	Longitude (decimal): -86.30167	
Remarks: At time of survey bulkhead was under construction and the anticipated completed dimensions are shown. <input type="checkbox"/> Open storage area at rear has capacity for approximately 200,000 tons of coal.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnr's Waterway Code: 77523
		Detroit District

Port Facilities by Waterway

Waterway: Manistee Lake	Mile:	PWD: 121
Name: Morton Salt Division, Manistee Coal Dock.		
Port: Manistee Harbor		
Location: Manistee, west side, Manistee Lake, approximately 4,000 feet south of entrance from Manistee River. Datum: LWD		
Operator: Morton Salt, Division of Morton International Inc.		
Owner: Morton Salt, Division of Morton International Inc.		
Address: 180 Sixth Street	Phone: 616/723-2561	
Town: Manistee	State: MI	County: Manistee
Railway Connection: Trackage serving plant in rear connects with CSX Transportation.		
Purpose: Receipt of coal by self-unloading vessel.		
Depth Alongside (feet): 26		Latitude (decimal): 44.243333
Total Berthing Space (feet): 500		Longitude (decimal): -86.30806

Waterway: Manistee Lake	Mile:	PWD: 121
Name: Morton Salt Division, Manistee Coal Dock.		
Port: Manistee Harbor		
Location: Manistee, west side, Manistee Lake, approximately 4,000 feet south of entrance from Manistee River. Datum: LWD		
Operator: Morton Salt, Division of Morton International Inc.		
Owner: Morton Salt, Division of Morton International Inc.		
Address: 180 Sixth Street	Phone: 616/723-2561	
Town: Manistee	State: MI	County: Manistee
Railway Connection: Trackage serving plant in rear connects with CSX Transportation.		
Purpose: Receipt of coal by self-unloading vessel.		
Depth Alongside (feet): 26		Latitude (decimal): 44.243333
Total Berthing Space (feet): 500		Longitude (decimal): -86.30806

Remarks: Open storage area at rear has capacity for approximately 45,000 tons of coal. □□

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77523	Detroit District
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Remarks: Open storage area at rear has capacity for approximately 45,000 tons of coal. □□

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77523	Detroit District
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Port Facilities by Waterway

Waterway: Manistee Lake	Mile:	PWD: 121
Name: Morton Salt Division, Manistee Coal Dock.		
Port: Manistee Harbor		
Location: Manistee, west side, Manistee Lake, approximately 4,000 feet south of entrance from Manistee River. Datum: LWD		
Operator: Morton Salt, Division of Morton International Inc.		
Owner: Morton Salt, Division of Morton International Inc.		
Address: 180 Sixth Street	Phone: 616/723-2561	
Town: Manistee	State: MI	County: Manistee
Railway Connection: Trackage serving plant in rear connects with CSX Transportation.		
Purpose: Receipt of coal by self-unloading vessel.		
Depth Alongside (feet): 26		Latitude (decimal): 44.243333
Total Berthing Space (feet): 500		Longitude (decimal): -86.30806

Waterway: Manistee Lake	Mile:	PWD: 121
Name: Morton Salt Division, Manistee Coal Dock.		
Port: Manistee Harbor		
Location: Manistee, west side, Manistee Lake, approximately 4,000 feet south of entrance from Manistee River. Datum: LWD		
Operator: Morton Salt, Division of Morton International Inc.		
Owner: Morton Salt, Division of Morton International Inc.		
Address: 180 Sixth Street	Phone: 616/723-2561	
Town: Manistee	State: MI	County: Manistee
Railway Connection: Trackage serving plant in rear connects with CSX Transportation.		
Purpose: Receipt of coal by self-unloading vessel.		
Depth Alongside (feet): 26		Latitude (decimal): 44.243333
Total Berthing Space (feet): 500		Longitude (decimal): -86.30806

Remarks: Open storage area at rear has capacity for approximately 45,000 tons of coal. □□

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77523	Detroit District
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Remarks: Open storage area at rear has capacity for approximately 45,000 tons of coal. □□

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77523	Detroit District
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Port Facilities by Waterway

Waterway: Manistee Lake	Mile:	PWD: 122
Name: Morton Specialty Chemical Products Division, Manistee Stone Dock.		
Port: Manistee Harbor		
Location: Manistee, west side, Manistee Lake, approximately one mile south of entrance from Manistee River.		Datum: LWD
Operator: Morton Specialty Chemical Products Division, Division of Morton International Inc.		
Owner: Morton Specialty Chemical Products Division, Division of Morton International Inc.		
Address: 180 Sixth Street	Phone: 616/723-2561	
Town: Manistee	State: MI	County: Manistee
Railway Connection: Trackage serving plant in rear connects with CSX Transportation.		
Purpose: Receipt of limestone by self-unloading vessel.		
Depth Alongside (feet): 22		Latitude (decimal): 44.242222
Total Berthing Space (feet): 767		Longitude (decimal): -86.30806

Waterway: Manistee Lake	Mile:	PWD: 122
Name: Morton Specialty Chemical Products Division, Manistee Stone Dock.		
Port: Manistee Harbor		
Location: Manistee, west side, Manistee Lake, approximately one mile south of entrance from Manistee River.		Datum: LWD
Operator: Morton Specialty Chemical Products Division, Division of Morton International Inc.		
Owner: Morton Specialty Chemical Products Division, Division of Morton International Inc.		
Address: 180 Sixth Street	Phone: 616/723-2561	
Town: Manistee	State: MI	County: Manistee
Railway Connection: Trackage serving plant in rear connects with CSX Transportation.		
Purpose: Receipt of limestone by self-unloading vessel.		
Depth Alongside (feet): 22		Latitude (decimal): 44.242222
Total Berthing Space (feet): 767		Longitude (decimal): -86.30806

Remarks: Open storage area at rear has capacity for approximately 10,000 tons of limestone. □

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77523	Detroit District
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Remarks: Open storage area at rear has capacity for approximately 10,000 tons of limestone. □

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77523	Detroit District
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Port Facilities by Waterway

Waterway:	Manistee Lake	Mile:	PWD: 122
Name:	Morton Specialty Chemical Products Division, Manistee Stone Dock.		
Port:	Manistee Harbor		
Location:	Manistee, west side, Manistee Lake, approximately one mile south of entrance from Manistee River.	Datum:	LWD
Operator:	Morton Specialty Chemical Products Division, Division of Morton International Inc.		
Owner:	Morton Specialty Chemical Products Division, Division of Morton International Inc.		
Address:	180 Sixth Street	Phone:	616/723-2561
Town:	Manistee	State:	MI
		County:	Manistee
Railway Connection:	Trackage serving plant in rear connects with CSX Transportation.		
Purpose:	Receipt of limestone by self-unloading vessel.		
Depth Alongside (feet):	22	Latitude (decimal):	44.242222
Total Berthing Space (feet):	767	Longitude (decimal):	-86.30806
Waterway:	Manistee Lake	Mile:	PWD: 122
Name:	Morton Specialty Chemical Products Division, Manistee Stone Dock.		
Port:	Manistee Harbor		
Location:	Manistee, west side, Manistee Lake, approximately one mile south of entrance from Manistee River.	Datum:	LWD
Operator:	Morton Specialty Chemical Products Division, Division of Morton International Inc.		
Owner:	Morton Specialty Chemical Products Division, Division of Morton International Inc.		
Address:	180 Sixth Street	Phone:	616/723-2561
Town:	Manistee	State:	MI
		County:	Manistee
Railway Connection:	Trackage serving plant in rear connects with CSX Transportation.		
Purpose:	Receipt of limestone by self-unloading vessel.		
Depth Alongside (feet):	22	Latitude (decimal):	44.242222
Total Berthing Space (feet):	767	Longitude (decimal):	-86.30806
Remarks:	Open storage area at rear has capacity for approximately 10,000 tons of limestone.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77523	Detroit District
Remarks:	Open storage area at rear has capacity for approximately 10,000 tons of limestone.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77523	Detroit District
Waterway:	Manistee Lake	Mile:	PWD: 125
Name:	Packaging Corporation of America Filer City Plant Coal Dock.		
Port:	Filer City		
Location:	Filer City, west side, Manistee Lake, approximately 4,000 feet north of southern end.	Datum:	LWD
Operator:	TES Filer City Station Ltd.		
Owner:	Packaging Corporation of America.		
Address:	700 Mee Street.	Phone:	616/723-6573
Town:	Filer City	State:	MI
		County:	Manistee
Railway Connection:	One surface track serving plant in rear connects with CSX Transportation.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	24	Latitude (decimal):	44.219444
Total Berthing Space (feet):	767	Longitude (decimal):	-86.28944
Remarks:	Open storage area at rear has capacity for approximately 90,000 tons of coal.□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77524	Detroit District

Port Facilities by Waterway

Waterway: **Manistee Lake** Mile: PWD: 120
 Name: **Seng Crane and Excavating Dock No. 1**
 Port: Manistee Harbor
 Location: Manistee, westerly side, Manistee Lake, approximately 1,000 feet south of entrance Datum: LWD
 from Manistee River.
 Operator: Seng Crane and Excavating Inc.
 Owner: Seng Crane and Excavating Inc.
 Address: 200 River Street. Phone: 616/723-9508
 Town: Manistee State: MI County: Manistee
 Railway Connection: None.
 Purpose: Receipt of sand, salt and coal by self-unloading vessel.
 Depth Alongside (feet): 20 - 25 | | Latitude (decimal): 44.251944
 Total Berthing Space (feet): 900 | | Longitude (decimal): -86.31139
 Remarks: Open storage area at rear has capacity for approximately 300,000 tons of material.□
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77523 Detroit District

Waterway: **Manistee Lake** Mile: PWD: 124
 Name: **Seng Crane and Excavating Dock No. 2**
 Port: Manistee Harbor
 Location: Manistee, west side, Manistee Lake, approximately 1.8 miles south of entrance from Datum: LWD
 Manistee River.
 Operator: Seng Crane and Excavating Inc.
 Owner: Seng Crane and Excavating Inc.
 Address: 1715 Main Street Phone: 616/723-9508
 Town: Manistee State: MI County: Manistee
 Railway Connection: None.
 Purpose: Receipt of coal, stone and salt by self-unloading vessel.
 Depth Alongside (feet): 24 - 27 | | Latitude (decimal): 44.228889
 Total Berthing Space (feet): 1200 | | Longitude (decimal): -86.30222
 Remarks: Open storage area at rear has capacity for approximately 200,000 tons of material.□
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77523 Detroit District

Waterway: **Manistique River** Mile: PWD: 109
 Name: **Manistique Industrial Development Corp. Dock**
 Port: Manistique
 Location: Manistique, right bank, Manistique River, at mouth. Datum: LWD
 Operator: Manistique Rentals Inc.
 Owner: Manistique Industrial Development Corp.
 Address: Foot of Harbor View Drive. Phone: 906-341-6955
 Town: Manistique State: MI County: Schoolcraft
 Railway Connection: None.
 Purpose: Occasional receipt of coal.
 Depth Alongside (feet): 12 | | Latitude (decimal): 45.949444
 Total Berthing Space (feet): 400 | | Longitude (decimal): -86.24639
 Remarks: Asphalt surfaced open storage area at rear has capacity for 40,000 tons.□Property, a former car ferry
 landing, was for sale at time of survey.□
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77925 Detroit District

Port Facilities by Waterway

Waterway: **Manitowoc River** Mile: PWD: 53
 Name: **Burger Boat Co., Manitowoc Dock.**
 Port: Lake Michigan
 Location: Manitowoc, left bank, Manitowoc River, above upper Wisconsin Central Ltd. railroad bridge. Datum: LWD
 Operator: Shipbuilders of Wisconsin, Inc., d.b.a. Burger Boat Co.
 Owner: Shipbuilders of Wisconsin, Inc.
 Address: 1811 Spring St. Phone: 414/684-1600
 Town: Manitowoc State: WI County: Manitowoc
 Railway Connection: One 150-foot surface track in rear of property connects with Wisconsin Central Ltd.
 Purpose: Construction, outfitting and retrofitting large craft.
 Depth Alongside (feet): 7 | | Latitude (decimal): 44.098056
 Total Berthing Space (feet): 548 | | Longitude (decimal): -87.66972
 Remarks: Vessels are constructed under cover at plant in rear and launched into river by crane. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77726 Detroit District

Waterway: **Manitowoc River** Mile: PWD: 45
 Name: **Busch Agricultural Resources, Manitowoc Grain Dock.**
 Port: Lake Michigan
 Location: Manitowoc, right bank, Manitowoc River, approximately 900 feet above mouth. Datum: LWD
 Operator: Busch Agricultural Resources, Inc.
 Owner: Busch Agricultural Resources, Inc.
 Address: 605 Washington St. Phone: 414/682-8291(Ex
 Town: Manitowoc State: WI County: Manitowoc
 Railway Connection: None.
 Purpose: Occasional receipt of grain.
 Depth Alongside (feet): 19 | | Latitude (decimal): 44.091667
 Total Berthing Space (feet): 300 | | Longitude (decimal): -87.65417
 Remarks: A total of 175 silos and storage bins at plant in rear have total capacity for 4,144,000 bushels. □ Vessel loading spout is not used, however it is being maintained on an operational basis.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77726 Detroit District

Waterway: **Manitowoc River** Mile: PWD: 46
 Name: **Busch Agricultural Resources, Manitowoc West Mooring Dock.**
 Port: Lake Michigan
 Location: Manitowoc, right bank, Manitowoc River, approximately 1,300 above mouth. Datum: LWD
 Operator: Busch Agricultural Resources, Inc.
 Owner: Busch Agricultural Resources, Inc.
 Address: Phone: 414/682-8291(Ex
 Town: Manitowoc State: WI County: Manitowoc
 Railway Connection: None.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 15 | | Latitude (decimal): 44.091944
 Total Berthing Space (feet): 475 | | Longitude (decimal): -87.65583
 Remarks: -□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77726 Detroit District

Port Facilities by Waterway

Waterway: **Manitowoc River** Mile: PWD: 55
 Name: **Consumers, Inc., Manitowoc Dock.**
 Port: Lake Michigan
 Location: Manitowoc, left bank, Manitowoc River, approximately 1,300 feet below upper Wisconsin Central Ltd. railr Datum: LWD
 Operator: Consumers, Inc.
 Owner: Consumers, Inc.
 Address: 1311 Spring St. Phone: 414/682-4613
 Town: Manitowoc State: WI County: Manitowoc
 Railway Connection: One 100-foot surface track in rear connects with Fox River Valley & Western Ltd.
 Purpose: Occasional receipt and shipment of fabricated steel products.
 Depth Alongside (feet): 14 | | Latitude (decimal): 44.100833
 Total Berthing Space (feet): 150 | | Longitude (decimal): -87.66528
 Remarks: Steel fabrication shop at rear. □□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77726 Detroit District

Waterway: **Manitowoc River** Mile: PWD: 42
 Name: **Lake Michigan Carferry Service, Manitowoc Carferry Slip.**
 Port: Lake Michigan
 Location: Manitowoc, right bank, Manitowoc River, at mouth. Datum: LWD
 Operator: Lake Michigan Carferry Service, Inc.
 Owner: Lake Michigan Carferry Service, Inc.
 Address: South Lakeview Drive. Phone: 414/684-5575
 Town: Manitowoc State: WI County: Manitowoc
 Railway Connection: None.
 Purpose: Transfer of passengers and automobiles to and from car ferries.
 Depth Alongside (feet): 18 | | Latitude (decimal): 44.090556
 Total Berthing Space (feet): 410 | | Longitude (decimal): -87.65083
 Remarks: Ferries operate to Ludington Michigan (Ref. Nos. 128). □□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77726 Detroit District

Waterway: **Manitowoc River** Mile: PWD: 47
 Name: **Manitowoc City Dock.**
 Port: Lake Michigan
 Location: Manitowoc right bank, Manitowoc River, above North 8th Street Bridge. Datum: LWD
 Operator: City of Manitowoc.
 Owner: City of Manitowoc.
 Address: Phone: 414/683-4410
 Town: Manitowoc State: WI County: Manitowoc
 Railway Connection: None.
 Purpose: Occasional mooring of vessels.
 Depth Alongside (feet): 7 - 9 | | Latitude (decimal): 44.091944
 Total Berthing Space (feet): 293 | | Longitude (decimal): -87.65778
 Remarks: Wire fence extends along top of bulkhead, and paved area in rear is used as a parking lot. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77726 Detroit District

Port Facilities by Waterway

Waterway: **Manitowoc River** Mile: PWD: 59

Name: **Manitowoc Maritime Museum Wharf.**

Port: Lake Michigan

Location: Manitowoc, left bank, Manitowoc River, between 5th and 6th Streets, . Datum: LWD

Operator: City of Manitowoc.

Owner: City of Manitowoc.

Address: Phone: 414/683-4410

Town: Manitowoc State: WI County: Manitowoc

Railway Connection: None.

Purpose: Mooring excursion vessels and submarine 'U.S.S. Cobia' on exhibition.

Depth Alongside (feet): 13 | | Latitude (decimal): 44.0925

Total Berthing Space (feet): 350 | | Longitude (decimal): -87.65417

Remarks: City of Manitowoc Maritime Museum located at rear.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77726 Detroit District

Waterway: **Manitowoc River** Mile: PWD: 56

Name: **McMullen & Pitz Construction Co., Manitowoc A Yard Dock.**

Port: Lake Michigan

Location: Manitowoc, left bank, Manitowoc River; below lower Wisconsin Central Ltd. railroad bridge. Datum: LWD

Operator: McMullen & Pitz Construction Co.

Owner: McMullen & Pitz Construction Co.

Address: North 10th Street Phone: 414/682-0131

Town: Manitowoc State: WI County: Manitowoc

Railway Connection: Two surface tracks in rear, connect with Wisconsin Central Ltd.

Purpose: Handling construction equipment and materials, mooring company-owned floating equipment.

Depth Alongside (feet): 15 | | Latitude (decimal): 44.095833

Total Berthing Space (feet): 380 | | Longitude (decimal): -87.66583

Remarks: Contractor's storage yard is located at rear.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77726 Detroit District

Waterway: **Manitowoc River** Mile: PWD: 58

Name: **McMullen & Pitz Construction Co., Manitowoc Commercial Street Dock**

Port: Lake Michigan

Location: Left bank, Manitowoc River, below 10th Street Bridge, Manitowoc. Datum: LWD

Operator: McMullen & Pitz Construction Co.

Owner: McMullen & Pitz Construction Co.

Address: 17 Maritime Drive. Phone: 414/682-0131

Town: Manitowoc State: WI County: Manitowoc

Railway Connection: None.

Purpose: Mooring company-owned floating equipment; handling construction materials and equipment.

Depth Alongside (feet): 11 - 14 | | Latitude (decimal): 44.0925

Total Berthing Space (feet): 300 | | Longitude (decimal): -87.66

Remarks: Contractor's storage yard located in rear.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77726 Detroit District

Port Facilities by Waterway

Waterway: **Manitowoc River** Mile: PWD: 54

Name: **Medusa Cement Co., Manitowoc Wharf.**

Port: Lake Michigan

Location: Manitowoc, left bank, Manitowoc River, below upper Wisconsin Central Ltd. railroad bridge. Datum: LWD

Operator: Medusa Cement Co., division of Medusa Corp.

Owner: Medusa Cement Co., division of Medusa Corp.

Address: 1801 Spring St. Phone: 414/684-8272

Town: Manitowoc State: WI County: Manitowoc

Railway Connection: One marginal surface track along rear of face and 3 surface tracks serving plant in rear, all in poor condition at time of survey, connect with Wisconsin Central Ltd.

Purpose: Receipt of bulk cement by self-unloading vessel, shipment of stone and rip rap.

Depth Alongside (feet): 15 | | Latitude (decimal): 44.1

Total Berthing Space (feet): 1,200 | | Longitude (decimal): -87.6675

Remarks: Plant is equipped with 2 bulk-loading spouts for shipment of cement by truck or rail car. Twelve concrete storage silos at plant have total capacity for 45,300 tons of cement.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77726 Detroit District

Waterway: **Manitowoc River** Mile: PWD: 57

Name: **Specification Stone Products, Inc., Manitowoc Dock.**

Port: Lake Michigan

Location: Manitowoc, left bank, Manitowoc River, above 10th Street Bridge, . Datum: LWD

Operator: Specification Stone Products, Inc.

Owner: Wisconsin Central Ltd.

Address: Phone: 414/775-4716

Town: Manitowoc State: WI County: Manitowoc

Railway Connection: Surface tracks in rear connect with Wisconsin Central Ltd.

Purpose: Shipment of stone and rip rap, and logs (See Remarks).

Depth Alongside (feet): 20 | | Latitude (decimal): 44.093333

Total Berthing Space (feet): 300 | | Longitude (decimal): -87.6625

Remarks: Approximately 2 acres of open storage area is located at rear. At time of survey (1993) company was preparing to ship logs for processing into wood pulp. A truck-loading ramp at face is used to load rip rap on

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77726 Detroit District

Port Facilities by Waterway

Waterway:	Manitowoc River	Mile:	PWD: 43
Name:	The C. Reiss Coal Co., Manitowoc Dock.		
Port:	Lake Michigan		
Location:	Manitowoc, right bank, Manitowoc River, in slip above mouth.	Datum:	LWD
Operator:	The C. Reiss Coal Co.		
Owner:	The C. Reiss Coal Co.		
Address:	509 Jay Street.	Phone:	414-436-7600
Town:	Manitowoc	State:	WI
		County:	Manitowoc
Railway Connection:	One 950-foot, marginal surface track 40 feet in rear of face connects with Wisconsin Central Ltd.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	17 - 23	Latitude (decimal):	44.090556
Total Berthing Space (feet):	900	Longitude (decimal):	-87.65194
Remarks:	Concrete-paved open storage area at rear has capacity for 175,000 tons of coal. South 600-foot portion of wharf forms slip approximately 75 feet wide with steel sheet pile bulkhead on opposite side, however vesse foot beam as adjacent abandoned car ferry fender piles intrude on channel; a timber bulkhead is located along head of slip.		
Port Series:	48	Year of Last Survey:	1994
		Corps of Engnrs Waterway Code:	77726
			Detroit District
Waterway:	Manitowoc River	Mile:	PWD: 48
Name:	The Manitowoc Co., Berth J.		
Port:	Lake Michigan		
Location:	Manitowoc, right bank, Manitowoc River, approximately 1,700 feet above 10th Street Bridge.	Datum:	LWD
Operator:	The Manitowoc Co., Inc.		
Owner:	The Manitowoc Co., Inc.		
Address:	500 So. 16th St.	Phone:	414/683-6518
Town:	Manitowoc	State:	WI
		County:	Manitowoc
Railway Connection:	Fox River Valley & Western Ltd: Downtown Storage Yard located at rear.		
Purpose:	Mooring vessels.		
Depth Alongside (feet):	16	Latitude (decimal):	44.099444
Total Berthing Space (feet):	950	Longitude (decimal):	-87.66611
Remarks:	-□□		
Port Series:	48	Year of Last Survey:	1994
		Corps of Engnrs Waterway Code:	77726
			Detroit District

Port Facilities by Waterway

Waterway: **Manitowoc River** Mile: PWD: 50
Name: **The Manitowoc Co., Berths A and B.**
Port: Lake Michigan
Location: Manitowoc, right bank, Manitowoc River; above lower Wisconsin Central Ltd. railroad Datum: LWD
bridge.
Operator: The Manitowoc Co., Inc.
Owner: The Manitowoc Co., Inc.
Address: 500 So. 16th St. Phone: 414/683-6518
Town: Manitowoc State: WI County: Manitowoc
Railway Connection: Trackage serving plant in rear connects with Fox River Valley & Western Ltd and
Wisconsin Central Ltd.
Purpose: Shipment of heavy machinery; mooring vessels.
Depth Alongside (feet): 21 | 16 - 18 | Latitude (decimal): 44.097778
Total Berthing Space (feet): 450 | 680 | Longitude (decimal): -87.66306
Remarks: Berth A is the lower berth, Berth B the upper. Fabrication shop located in rear of Berth A, open storage
area is located at rear of Berth B.□
Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77726 Detroit District

Port Facilities by Waterway

Waterway:	Manitowoc River	Mile:	PWD: 51
Name:	The Manitowoc Co., Berths B-A and C.		
Port:	Lake Michigan		
Location:	Manitowoc, right bank, Manitowoc River, approximately 1,500 feet above lower Wisconsin Central Ltd. rail	Datum:	LWD
Operator:	The Manitowoc Co., Inc.		
Owner:	The Manitowoc Co., Inc.		
Address:	500 So. 16th St.	Phone:	414/683-6518
Town:	Manitowoc	State:	WI
		County:	Manitowoc
Railway Connection:	Trackage serving plant in rear connects with Fox River Valley & Western Ltd and Wisconsin Central Ltd.		
Purpose:	Shipment of heavy lift items; mooring vessels.		
Depth Alongside (feet):	14 - 16 14 - 16	Latitude (decimal):	44.099167
Total Berthing Space (feet):	260 360	Longitude (decimal):	-87.66278
Waterway:	Manitowoc River	Mile:	PWD: 51
Name:	The Manitowoc Co., Berths B-A and C.		
Port:	Lake Michigan		
Location:	Manitowoc, right bank, Manitowoc River, approximately 1,500 feet above lower Wisconsin Central Ltd. rail	Datum:	LWD
Operator:	The Manitowoc Co., Inc.		
Owner:	The Manitowoc Co., Inc.		
Address:	500 So. 16th St.	Phone:	414/683-6518
Town:	Manitowoc	State:	WI
		County:	Manitowoc
Railway Connection:	Trackage serving plant in rear connects with Fox River Valley & Western Ltd and Wisconsin Central Ltd.		
Purpose:	Shipment of heavy lift items; mooring vessels.		
Depth Alongside (feet):	14 - 16 14 - 16	Latitude (decimal):	44.099167
Total Berthing Space (feet):	260 360	Longitude (decimal):	-87.66278
Remarks:	Berth B-A is the lower berth, Berth C the upper.□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77726	Detroit District
Remarks:	Berth B-A is the lower berth, Berth C the upper.□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77726	Detroit District

Port Facilities by Waterway

Waterway:	Manitowoc River	Mile:	PWD: 51
Name:	The Manitowoc Co., Berths B-A and C.		
Port:	Lake Michigan		
Location:	Manitowoc, right bank, Manitowoc River, approximately 1,500 feet above lower Wisconsin Central Ltd. rail	Datum:	LWD
Operator:	The Manitowoc Co., Inc.		
Owner:	The Manitowoc Co., Inc.		
Address:	500 So. 16th St.	Phone:	414/683-6518
Town:	Manitowoc	State:	WI
		County:	Manitowoc
Railway Connection:	Trackage serving plant in rear connects with Fox River Valley & Western Ltd and Wisconsin Central Ltd.		
Purpose:	Shipment of heavy lift items; mooring vessels.		
Depth Alongside (feet):	14 - 16 14 - 16	Latitude (decimal):	44.099167
Total Berthing Space (feet):	260 360	Longitude (decimal):	-87.66278
Waterway:	Manitowoc River	Mile:	PWD: 51
Name:	The Manitowoc Co., Berths B-A and C.		
Port:	Lake Michigan		
Location:	Manitowoc, right bank, Manitowoc River, approximately 1,500 feet above lower Wisconsin Central Ltd. rail	Datum:	LWD
Operator:	The Manitowoc Co., Inc.		
Owner:	The Manitowoc Co., Inc.		
Address:	500 So. 16th St.	Phone:	414/683-6518
Town:	Manitowoc	State:	WI
		County:	Manitowoc
Railway Connection:	Trackage serving plant in rear connects with Fox River Valley & Western Ltd and Wisconsin Central Ltd.		
Purpose:	Shipment of heavy lift items; mooring vessels.		
Depth Alongside (feet):	14 - 16 14 - 16	Latitude (decimal):	44.099167
Total Berthing Space (feet):	260 360	Longitude (decimal):	-87.66278
Remarks:	Berth B-A is the lower berth, Berth C the upper.□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77726	Detroit District
Remarks:	Berth B-A is the lower berth, Berth C the upper.□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77726	Detroit District

Port Facilities by Waterway

Waterway:	Manitowoc River				Mile:	PWD: 52
Name:	The Manitowoc Co., Berths D and E.					
Port:	Lake Michigan					
Location:	Manitowoc, right bank, Manitowoc River, below upper Wisconsin Central Ltd. railroad bridge, . Datum: LWD					
Operator:	The Manitowoc Co., Inc.					
Owner:	The Manitowoc Co., Inc.					
Address:	500 So. 16th St.			Phone:	414/683-6518	
Town:	Manitowoc	State:	WI	County:	Manitowoc	
Railway Connection:	Trackage serving plant in rear connects with Fox River Valley & Western Ltd and Wisconsin Central Ltd.					
Purpose:	Mooring vessels.					
Depth Alongside (feet):	15		24		Latitude (decimal): 44.099722	
Total Berthing Space (feet):	550		764		Longitude (decimal): -87.66583	
Waterway:	Manitowoc River				Mile:	PWD: 52
Name:	The Manitowoc Co., Berths D and E.					
Port:	Lake Michigan					
Location:	Manitowoc, right bank, Manitowoc River, below upper Wisconsin Central Ltd. railroad bridge, . Datum: LWD					
Operator:	The Manitowoc Co., Inc.					
Owner:	The Manitowoc Co., Inc.					
Address:	500 So. 16th St.			Phone:	414/683-6518	
Town:	Manitowoc	State:	WI	County:	Manitowoc	
Railway Connection:	Trackage serving plant in rear connects with Fox River Valley & Western Ltd and Wisconsin Central Ltd.					
Purpose:	Mooring vessels.					
Depth Alongside (feet):	15		24		Latitude (decimal): 44.099722	
Total Berthing Space (feet):	550		764		Longitude (decimal): -87.66583	
Remarks:	Berth D is the lower berth, Berth E the upper.□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77726			Detroit District	
Remarks: Berth D is the lower berth, Berth E the upper.□□						
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77726			Detroit District	

Port Facilities by Waterway

Waterway:	Manitowoc River				Mile:	PWD: 52
Name:	The Manitowoc Co., Berths D and E.					
Port:	Lake Michigan					
Location:	Manitowoc, right bank, Manitowoc River, below upper Wisconsin Central Ltd. railroad bridge, . Datum: LWD					
Operator:	The Manitowoc Co., Inc.					
Owner:	The Manitowoc Co., Inc.					
Address:	500 So. 16th St.			Phone:	414/683-6518	
Town:	Manitowoc	State:	WI	County:	Manitowoc	
Railway Connection:	Trackage serving plant in rear connects with Fox River Valley & Western Ltd and Wisconsin Central Ltd.					
Purpose:	Mooring vessels.					
Depth Alongside (feet):	15		24		Latitude (decimal): 44.099722	
Total Berthing Space (feet):	550		764		Longitude (decimal): -87.66583	
Waterway:	Manitowoc River				Mile:	PWD: 52
Name:	The Manitowoc Co., Berths D and E.					
Port:	Lake Michigan					
Location:	Manitowoc, right bank, Manitowoc River, below upper Wisconsin Central Ltd. railroad bridge, . Datum: LWD					
Operator:	The Manitowoc Co., Inc.					
Owner:	The Manitowoc Co., Inc.					
Address:	500 So. 16th St.			Phone:	414/683-6518	
Town:	Manitowoc	State:	WI	County:	Manitowoc	
Railway Connection:	Trackage serving plant in rear connects with Fox River Valley & Western Ltd and Wisconsin Central Ltd.					
Purpose:	Mooring vessels.					
Depth Alongside (feet):	15		24		Latitude (decimal): 44.099722	
Total Berthing Space (feet):	550		764		Longitude (decimal): -87.66583	
Remarks:	Berth D is the lower berth, Berth E the upper.□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77726			Detroit District	
Remarks: Berth D is the lower berth, Berth E the upper.□□						
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77726			Detroit District	

Port Facilities by Waterway

Waterway: **Manitowoc River** Mile: PWD: 49

Name: **The Manitowoc Co., Berths G and H.**

Port: Lake Michigan

Location: Manitowoc, right bank, Manitowoc River; below lower Wisconsin Central Ltd. railroad bridge. Datum: LWD

Operator: The Manitowoc Co., Inc.

Owner: The Manitowoc Co., Inc.

Address: 500 So. 16th St. Phone: 414/683-6518

Town: Manitowoc State: WI County: Manitowoc

Railway Connection: Trackage serving plant in rear connects with Fox River Valley & Western Ltd and Wisconsin Central Ltd.

Purpose: Mooring vessels.

Depth Alongside (feet): 13 - 22 | 18 | Latitude (decimal): 44.096111

Total Berthing Space (feet): 475 | 270 | Longitude (decimal): -87.66722

Remarks: Berth G is the lower berth, Berth H the upper. Plant administration building is located in rear of Berth H.□

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77726 Detroit District

Waterway: **Manitowoc River** Mile: PWD: 44

Name: **The Manitowoc Co., Quay Street Dock.**

Port: Lake Michigan

Location: Manitowoc, right bank, Manitowoc River, approximately 500 feet above mouth. Datum: LWD

Operator: The Manitowoc Co., Inc.

Owner: The Manitowoc Co., Inc.

Address: Phone: 414/683-6518

Town: Manitowoc State: WI County: Manitowoc

Railway Connection: One surface track along west side of property connects with Wisconsin Central Ltd.

Purpose: Mooring vessels.

Depth Alongside (feet): 18 - 20 | | Latitude (decimal): 44.091944

Total Berthing Space (feet): 530 | | Longitude (decimal): -87.65278

Remarks: Approximately 1 acre of open storage area is located at rear.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77726 Detroit District

Port Facilities by Waterway

Waterway: **Menominee River** Mile: PWD: 95

Name: **Ansul Fire Protection; Coal Dock**

Port: Marinette

Location: Marinette, right bank, Menominee River approximately 0.8 mile above Ogden Street Datum: LWD Bridge.

Operator: Ansul Fire Protection.

Owner: Ansul Fire Protection.

Address: 1 Stanton Street Phone: 715/735-7411

Town: Marinette State: WI County: Marinette

Railway Connection: One surface track serves plant in rear, connects with Chicago and North Western Railway.

Purpose: Receipt of coal by self-unloading vessel.

Depth Alongside (feet): 19 | | Latitude (decimal): 45.095

Total Berthing Space (feet): 600 | | Longitude (decimal): -87.61167

Remarks: Open storage area at rear has capacity for 8,000 tons of coal. □ □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77849 Detroit District

Waterway: **Menominee River** Mile: PWD: 97

Name: **K & K Warehousing Menominee Wharf.**

Port: Menominee

Location: Menominee, left bank, Menominee River approximately 0.5 mile above Ogden Street Datum: LWD Bridge.

Operator: K & K Warehousing Inc.

Owner: K & K Warehousing Inc.

Address: 701 Fourth Avenue Phone: 906/863-7811

Town: Menominee State: MI County: Menominee

Railway Connection: One platform level track inside warehouse connects with, connects with Chicago and North Western Railway and Escanaba & Lake Superior Railroad.

Purpose: Receipt and Shipment of wood pulp.

Depth Alongside (feet): 25 | | Latitude (decimal): 45.096389

Total Berthing Space (feet): 600 | | Longitude (decimal): -87.60917

Remarks: Steel frame metal-covered warehouse at rear has 300,000 square feet of storage area for woodpulp and other commodities as the occasion arises. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77850 Detroit District

Port Facilities by Waterway

Waterway:	Menominee River	Mile:	PWD: 96
Name:	Marinette Marine Corp. Dock		
Port:	Marinette		
Location:	Marinette, right bank, Menominee River approximately one mile above Ogden Street	Datum:	
	Bridge.		
Operator:	Marinette Marine Corp.		
Owner:	Marinette Marine Corp.		
Address:	1600 Ely Street	Phone:	715/735-9341
Town:	Marinette	State:	WI
		County:	Marinette
Railway Connection:	One surface track serves plant in rear, connects with Chicago and North Western Railway.		
Purpose:	Mooring vessels for outfitting and occasionally for repair.		
Depth Alongside (feet):	21 - 14	Latitude (decimal):	45.100556
Total Berthing Space (feet):	1,073	Longitude (decimal):	-87.61778
Remarks:	Shipbuilding plant regularly is engaged in construction of commercial and military vessels. Portable side-launching ways are located at east end of wharf.		
Port Series:	48	Year of Last Survey:	1994
		Corps of Engnrs Waterway Code:	77849
			Detroit District
Waterway:	Menominee River	Mile:	PWD: 98
Name:	Menominee Paper Co. Coal Dock.		
Port:	Menominee		
Location:	Menominee, left bank, Menominee River at mouth.	Datum:	LWD
Operator:	Menominee Paper Co.		
Owner:	Menominee Paper Co.		
Address:	144 First Street.	Phone:	906/863-5595
Town:	Menominee	State:	MI
		County:	Menominee
Railway Connection:	Plant trackage in rear, connects with Chicago and North Western Railway.		
Purpose:	Receipt of coal for plant consumption.		
Depth Alongside (feet):	18	Latitude (decimal):	45.099167
Total Berthing Space (feet):	550	Longitude (decimal):	-87.59417
Remarks:	Open storage area at rear has capacity for approximately 60,000 tons of coal.□□		
Port Series:	48	Year of Last Survey:	1994
		Corps of Engnrs Waterway Code:	77850
			Detroit District
Waterway:	Menominee River	Mile:	PWD: 94
Name:	The Marinette Fuel & Dock Co. Docks		
Port:	Marinette		
Location:	Marinette, right bank, Menominee River at mouth.	Datum:	LWD
Operator:	The Marinette Fuel & Dock Co.		
Owner:	The Marinette Fuel & Dock Co.		
Address:	808 Ogden Street	Phone:	715/735-6694
Town:	Marinette	State:	WI
		County:	Marinette
Railway Connection:	None.		
Purpose:	Receipt of dry bulk commodities including coal, pig iron, salt, limestone and lime.		
Depth Alongside (feet):	22 - 22 16	Latitude (decimal):	45.095
Total Berthing Space (feet):	2,800 700	Longitude (decimal):	-87.595
Remarks:	Open storage area at rear has capacity for 150,000 tons of material.□□		
Port Series:	48	Year of Last Survey:	1994
		Corps of Engnrs Waterway Code:	77849
			Detroit District

Port Facilities by Waterway

Waterway: **Menomonee Canal** Mile: PWD: 30

Name: **Didion, Milwaukee Terminal Wharf**

Port: Milwaukee

Location: Milwaukee, inner portion of south side of Menomonee Canal. Datum: MLW

Operator: Didion, Inc.

Owner: J R Investments

Address: 335 S. Emmber Lane Phone: 414/672-3313

Town: Milwaukee State: WI County: Milwaukee

Railway Connection: Trackage serving grain elevator with total capacity for 75 cars extends through car shed, serves 2 car pits and 2 carloading spouts; connects with CP Rail System.yard

Purpose: Occasional shipment of grain.

Depth Alongside (feet): 21 | | Latitude (decimal): 43.028056

Total Berthing Space (feet): 910 | | Longitude (decimal): -87.92528

Remarks: Grain elevator at rear has storage capacity for 2,600,000 bushels.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Waterway: **Menomonee Canal** Mile: PWD: 31

Name: **Wisconsin Electric Power Co., Valley Plant Coal Dock.**

Port: Milwaukee

Location: Milwaukee, South side of Menomonee Canal, above North-South Freeway (Interstate Highway 94) Bridge. Datum: MLW

Operator: Wisconsin Electric Power Co.

Owner: Wisconsin Electric Power Co.

Address: 1035 West Canal Street Phone: 414/221-4234

Town: Milwaukee State: WI County: Milwaukee

Railway Connection: None.

Purpose: Receipt of coal by barge.

Depth Alongside (feet): 18 - 21 | | Latitude (decimal): 43.028333

Total Berthing Space (feet): 660 | | Longitude (decimal): -87.92361

Remarks: Open storage area at rear has capacity for 250,000 tons of coal. .□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Menomonee River** Mile: PWD: 32
 Name: **City of Milwaukee, Sixth Street Dock.**
 Port: Milwaukee
 Location: Milwaukee, right bank of Menomonee River, and left bank of Menomonee Canal at junction. Datum: MLW
 Operator: City of Milwaukee.
 Owner: City of Milwaukee.
 Address: 132 North 6th Street. Phone: 414/286-3701
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring city-owned floating equipment.
 Depth Alongside (feet): 12 - 18 | 18 | Latitude (decimal): 43.032778
 Total Berthing Space (feet): 650 | 320 | Longitude (decimal): -87.91583
 Remarks: City of Milwaukee, Bureau of Bridges and Public Buildings and Bureau of Street Maintenance, operate asphalt plant, boiler building, and maintenance and repair shop in rear. City-owned trucks and maintenance equi area at rear.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Waterway: **Menomonee River** Mile: PWD: 33
 Name: **St. Marys Cement, Co. Milwaukee Terminal Dock.**
 Port: Milwaukee
 Location: Milwaukee, right bank of Menomonee River, approximately 350 feet above 6th Street Bridge. Datum: MLW
 Operator: St. Marys Cement Company.
 Owner: St. Marys Cement Company.
 Address: 712 West Canal Street. Phone: 414/276-4408
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: One platform-level track along Canal Street; connects with CP Rail System.
 Purpose: Receipt of cement by self-unloading vessel.
 Depth Alongside (feet): 17 - 25 | | Latitude (decimal): 43.032222
 Total Berthing Space (feet): 490 | | Longitude (decimal): -87.92083
 Remarks: Twenty-seven concrete silos and interstices at rear, provide storage for 22,550 tons of cement. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Menomonee River** Mile: PWD: 34
 Name: **Tews Company Dock**
 Port: Milwaukee
 Location: Milwaukee, left bank Menomonee River, above 16th Street Bridge. Datum: MLW
 Operator: Tews Company.
 Owner: Tews Company
 Address: 2001 West Mount Vernon Avenue Phone: 414/931-1022
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: Two surface tracks at rear connects with C P Rail System.
 Purpose: Receipt of stone.
 Depth Alongside (feet): 35 | | Latitude (decimal): 43.033056
 Total Berthing Space (feet): 720 | | Longitude (decimal): -87.93444
 Remarks: Open storage area at rear has capacity for approximately 250,000 tons of stone.□□
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Waterway: **Milwaukee Outer Harbor** Mile: PWD: 2
 Name: **Port of Milwaukee Liquid Cargo Pier.**
 Port: Milwaukee
 Location: Milwaukee, Outer Harbor, approximately 0.75 mile south of entrance to Inner Harbor. Datum: MLW
 Operator: Jacobus Petroleum Products.
 Owner: Port of Milwaukee.
 Address: 1700 South Lincoln Memorial Drive. Phone: 414/744-4976
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Receipt of asphalt.
 Depth Alongside (feet): | 20 - 27 | 20 - 27 Latitude (decimal): 43.013889
 Total Berthing Space (feet): - | 1,066 | 1,088 Longitude (decimal): -87.89167
 Remarks: Jacobus Petroleum Products: Three 8-inch pipelines extend from wharf to 17 steel storage tanks on opposite side of South Lincoln Memorial Drive, total capacity 285,700 barrels.els.
 Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway:	Milwaukee Outer Harbor			Mile:	PWD: 4
Name:	Port of Milwaukee South Pier No. 1, General Cargo Terminal No. 2.				
Port:	Milwaukee				
Location:	Milwaukee, Outer Harbor, approximately 1,500 feet south of entrance to Inner Harbor. Datum: LWD				
Operator:	Meehan Seaway Service, Ltd.				
Owner:	Port of Milwaukee.				
Address:	1200 South Lincoln Memorial Drive.			Phone:	414/481-7000
Town:	Milwaukee	State:	WI	County:	Milwaukee
Railway Connection:	One 960-foot surface track along face and 2 platform-level tracks along rear of transit shed, total length 1,700 feet; connect with Chicago and North Western Railway and CP Rail System.				
Purpose:	Receipt and shipment of conventional general cargo heavy lift items, dry bulk commodities, steel products, and scrap metal.				
Depth Alongside (feet):	26 - 27		25		Latitude (decimal): 43.019444
Total Berthing Space (feet):	978		330		Longitude (decimal): -87.89556
Waterway:	Milwaukee Outer Harbor			Mile:	PWD: 4
Name:	Port of Milwaukee South Pier No. 1, General Cargo Terminal No. 2.				
Port:	Milwaukee				
Location:	Milwaukee, Outer Harbor, approximately 1,500 feet south of entrance to Inner Harbor. Datum: LWD				
Operator:	Meehan Seaway Service, Ltd.				
Owner:	Port of Milwaukee.				
Address:	1200 South Lincoln Memorial Drive.			Phone:	414/481-7000
Town:	Milwaukee	State:	WI	County:	Milwaukee
Railway Connection:	One 960-foot surface track along face and 2 platform-level tracks along rear of transit shed, total length 1,700 feet; connect with Chicago and North Western Railway and CP Rail System.				
Purpose:	Receipt and shipment of conventional general cargo heavy lift items, dry bulk commodities, steel products, and scrap metal.				
Depth Alongside (feet):	26 - 27		25		Latitude (decimal): 43.019444
Total Berthing Space (feet):	978		330		Longitude (decimal): -87.89556
Remarks:	PTW, Inc.: Two 8- and one 6-inch pipelines extending from wharf to storage tanks described under Ref. No. 5 were out of service at time of survey (1994)☐				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690	Detroit District		
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Remarks:	PTW, Inc.: Two 8- and one 6-inch pipelines extending from wharf to storage tanks described under Ref. No. 5 were out of service at time of survey (1994)☐				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690	Detroit District		

Port Facilities by Waterway

Waterway:	Milwaukee Outer Harbor			Mile:	PWD: 4
Name:	Port of Milwaukee South Pier No. 1, General Cargo Terminal No. 2.				
Port:	Milwaukee				
Location:	Milwaukee, Outer Harbor, approximately 1,500 feet south of entrance to Inner Harbor. Datum: LWD				
Operator:	Meehan Seaway Service, Ltd.				
Owner:	Port of Milwaukee.				
Address:	1200 South Lincoln Memorial Drive.		Phone: 414/481-7000		
Town:	Milwaukee	State: WI	County: Milwaukee		
Railway Connection:	One 960-foot surface track along face and 2 platform-level tracks along rear of transit shed, total length 1,700 feet; connect with Chicago and North Western Railway and CP Rail System.				
Purpose:	Receipt and shipment of conventional general cargo heavy lift items, dry bulk commodities, steel products, and scrap metal.				
Depth Alongside (feet):	26 - 27		25		Latitude (decimal): 43.019444
Total Berthing Space (feet):	978		330		Longitude (decimal): -87.89556
Waterway:	Milwaukee Outer Harbor			Mile:	PWD: 4
Name:	Port of Milwaukee South Pier No. 1, General Cargo Terminal No. 2.				
Port:	Milwaukee				
Location:	Milwaukee, Outer Harbor, approximately 1,500 feet south of entrance to Inner Harbor. Datum: LWD				
Operator:	Meehan Seaway Service, Ltd.				
Owner:	Port of Milwaukee.				
Address:	1200 South Lincoln Memorial Drive.		Phone: 414/481-7000		
Town:	Milwaukee	State: WI	County: Milwaukee		
Railway Connection:	One 960-foot surface track along face and 2 platform-level tracks along rear of transit shed, total length 1,700 feet; connect with Chicago and North Western Railway and CP Rail System.				
Purpose:	Receipt and shipment of conventional general cargo heavy lift items, dry bulk commodities, steel products, and scrap metal.				
Depth Alongside (feet):	26 - 27		25		Latitude (decimal): 43.019444
Total Berthing Space (feet):	978		330		Longitude (decimal): -87.89556
Remarks:	PTW, Inc.: Two 8- and one 6-inch pipelines extending from wharf to storage tanks described under Ref. No. 5 were out of service at time of survey (1994)□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690		Detroit District	
Remarks: PTW, Inc.: Two 8- and one 6-inch pipelines extending from wharf to storage tanks described under Ref. No. 5 were out of service at time of survey (1994)□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690		Detroit District	

Port Facilities by Waterway

Waterway:	Milwaukee Outer Harbor			Mile:	PWD: 5
Name:	Port of Milwaukee South Pier No. 1, North Side Open Dock.				
Port:	Milwaukee				
Location:	Milwaukee, Outer Harbor, approximately 1,300 feet south of entrance to Inner Harbor. Datum: MLW				
Operator:	Meehan Seaway Service, Ltd. and PTW, Inc.				
Owner:	Port of Milwaukee.				
Address:	1150 South Lincoln Memorial Drive.			Phone:	414/744-2320
Town:	Milwaukee	State:	WI	County:	Milwaukee
Railway Connection:	One 930-foot surface track along face and one 1,000-foot surface track located 80 feet in rear of face connect with Chicago and North Western Railway and CP Rail System.				
Purpose:	Receipt and shipment of conventional and containerized general cargo, heavy lift items, dry bulk commodities, steel products, and scrap metal; receipt of petroleum products				
Depth Alongside (feet):	25 - 27			Latitude (decimal):	43.02
Total Berthing Space (feet):	945			Longitude (decimal):	-87.89611
Waterway:	Milwaukee Outer Harbor			Mile:	PWD: 5
Name:	Port of Milwaukee South Pier No. 1, North Side Open Dock.				
Port:	Milwaukee				
Location:	Milwaukee, Outer Harbor, approximately 1,300 feet south of entrance to Inner Harbor. Datum: MLW				
Operator:	Meehan Seaway Service, Ltd. and PTW, Inc.				
Owner:	Port of Milwaukee.				
Address:	1150 South Lincoln Memorial Drive.			Phone:	414/744-2320
Town:	Milwaukee	State:	WI	County:	Milwaukee
Railway Connection:	One 930-foot surface track along face and one 1,000-foot surface track located 80 feet in rear of face connect with Chicago and North Western Railway and CP Rail System.				
Purpose:	Receipt and shipment of conventional and containerized general cargo, heavy lift items, dry bulk commodities, steel products, and scrap metal; receipt of petroleum products				
Depth Alongside (feet):	25 - 27			Latitude (decimal):	43.02
Total Berthing Space (feet):	945			Longitude (decimal):	-87.89611
Remarks:	Approximately 2.2 acres of open storage area is available on pier. □PTW Inc.: Two 10-inch pipelines extend from wharf to 7 steel storage tanks on opposite side of South Lincoln Memorial Drive, total capacity 200,				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690			Detroit District
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Remarks:	Approximately 2.2 acres of open storage area is available on pier. □PTW Inc.: Two 10-inch pipelines extend from wharf to 7 steel storage tanks on opposite side of South Lincoln Memorial Drive, total capacity 200,				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690			Detroit District

Port Facilities by Waterway

Waterway:	Milwaukee Outer Harbor			Mile:	PWD: 5
Name:	Port of Milwaukee South Pier No. 1, North Side Open Dock.				
Port:	Milwaukee				
Location:	Milwaukee, Outer Harbor, approximately 1,300 feet south of entrance to Inner Harbor. Datum: MLW				
Operator:	Meehan Seaway Service, Ltd. and PTW, Inc.				
Owner:	Port of Milwaukee.				
Address:	1150 South Lincoln Memorial Drive.			Phone:	414/744-2320
Town:	Milwaukee	State:	WI	County:	Milwaukee
Railway Connection:	One 930-foot surface track along face and one 1,000-foot surface track located 80 feet in rear of face connect with Chicago and North Western Railway and CP Rail System.				
Purpose:	Receipt and shipment of conventional and containerized general cargo, heavy lift items, dry bulk commodities, steel products, and scrap metal; receipt of petroleum products				
Depth Alongside (feet):	25 - 27			Latitude (decimal):	43.02
Total Berthing Space (feet):	945			Longitude (decimal):	-87.89611
Waterway:	Milwaukee Outer Harbor			Mile:	PWD: 5
Name:	Port of Milwaukee South Pier No. 1, North Side Open Dock.				
Port:	Milwaukee				
Location:	Milwaukee, Outer Harbor, approximately 1,300 feet south of entrance to Inner Harbor. Datum: MLW				
Operator:	Meehan Seaway Service, Ltd. and PTW, Inc.				
Owner:	Port of Milwaukee.				
Address:	1150 South Lincoln Memorial Drive.			Phone:	414/744-2320
Town:	Milwaukee	State:	WI	County:	Milwaukee
Railway Connection:	One 930-foot surface track along face and one 1,000-foot surface track located 80 feet in rear of face connect with Chicago and North Western Railway and CP Rail System.				
Purpose:	Receipt and shipment of conventional and containerized general cargo, heavy lift items, dry bulk commodities, steel products, and scrap metal; receipt of petroleum products				
Depth Alongside (feet):	25 - 27			Latitude (decimal):	43.02
Total Berthing Space (feet):	945			Longitude (decimal):	-87.89611
Remarks:	Approximately 2.2 acres of open storage area is available on pier. □PTW Inc.: Two 10-inch pipelines extend from wharf to 7 steel storage tanks on opposite side of South Lincoln Memorial Drive, total capacity 200,				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690			Detroit District
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Remarks:	Approximately 2.2 acres of open storage area is available on pier. □PTW Inc.: Two 10-inch pipelines extend from wharf to 7 steel storage tanks on opposite side of South Lincoln Memorial Drive, total capacity 200,				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690			Detroit District

Port Facilities by Waterway

Waterway: **Milwaukee Outer Harbor** Mile: PWD: 3

Name: **Port of Milwaukee South Pier No. 2, General Cargo Terminals Nos. 3**

Port: Milwaukee

Location: Milwaukee, Outer Harbor, approximately 2,000 feet south of entrance to Inner Harbor. Datum: MLW

Operator: Meehan Seaway Service, Ltd.

Owner: Port of Milwaukee.

Address: 1500 South Lincoln Memorial Drive. Phone: 414/481-7000

Town: Milwaukee State: WI County: Milwaukee

Railway Connection: One surface track each along north and south aprons and 2 connecting platform-level tracks along rear of each transit shed, connect with Chicago and North Western Railway and CP Rail System. System. System. Coout

Purpose: Receipt and shipment of conventional and containerized general cargo in foreign and domestic trade, steel products, dry bulk commodities, and scrap metal.

Depth Alongside (feet): 26 - 28 | 25 - 30 | 26 - 29 Latitude (decimal): 43.018333

Total Berthing Space (feet): 545 | 945 | 1,005 Longitude (decimal): -87.89444

Remarks: The former refrigerator house at east end of north side provides 10,000 squarefeet of additional storage space. Approximately 1.6 acres of open storage area are available on pier.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Waterway: **Milwaukee Outer Harbor** Mile: PWD: 6

Name: **Port of Milwaukee South Slip No.1 Bulk Cargo Dock**

Port: Milwaukee

Location: Milwaukee, Outer Harbor, approximately 500 feet south of entrance to Inner Harbor. Datum: MLW

Operator: Milwaukee Bulk Terminals Inc.

Owner: Port of Milwaukee.

Address: 1034 South Lincoln Memorial Drive. Phone: 414-769-1901

Town: Milwaukee State: WI County: Milwaukee

Railway Connection: One 25 car capacity surface track on wharf connects with Chicago and North Western Railway and CP Rail System.

Purpose: Receipt and shipment of miscellaneous bulk materials including sand, salt, gravel, and coal; Mooring vessels on East Side.

Depth Alongside (feet): 25 - 27 | 23 - 26 | Latitude (decimal): 43.021667

Total Berthing Space (feet): 1,320 | 780 | Longitude (decimal): -87.89556

Remarks: Open storage area on pier has capacity for 90,000 tons of bulk materials. □ □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Milwaukee Outer Harbor** Mile: PWD: 39
 Name: **Port of Milwaukee, North Pier.**
 Port: Milwaukee
 Location: Milwaukee Outer Harbor, approximately 0.8 miles north of entrance to Inner Harbor. Datum: MLW
 Operator: Port of Milwaukee.
 Owner: Port of Milwaukee.
 Address: 500 North Harbor Drive. Phone: 414/286-3511
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring dinner cruise vessel 'celebration' bording passengers.
 Depth Alongside (feet): 17 - 19 | 6 - 15 | 12 - 23 Latitude (decimal): 43.036667
 Total Berthing Space (feet): 450 | | 500 Longitude (decimal): -87.89583
 Remarks: □□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Waterway: **Milwaukee Outer Harbor** Mile: PWD: 1
 Name: **U.S. Coast Guard, Milwaukee Base Mooring Basin.**
 Port: Milwaukee
 Location: Milwaukee, Outer Harbor approximately 900 feet south of foot of Lincoln Avenue Datum: MLW
 viaduct.
 Operator: U.S. Coast Guard.
 Owner: United States Government.
 Address: 2420 South Lincoln Memorial Drive. Phone: 414/747-7170
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring U.S. Coast Guard vessels.
 Depth Alongside (feet): 20 | 20 | Latitude (decimal): 43.001944
 Total Berthing Space (feet): 90 | 125 | Longitude (decimal): -87.88722
 Remarks: Mobile boat lift operates over twin 50-by-6-foot steel pile, steel grating deck piers, spaced 17 feet apart and located at the north end of the mooring basin. Additional berthing space for small boats is available at a parallel, 50- by 3-foot, steel pile, steel-grating decked pier located 25 feet south of the twin piers and at basin walls and bulkhead. Two metered pumps on main pier are served by pipelines extending from one 1gasoline and one 2,000-gallon diesel fuel storage tanks in rear. One 4-inch sewer line serves main pier with 2 connections for vessels.ls.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: **Milwaukee River** Mile: PWD: 36

Name: **City of Milwaukee, Water Street Fireboat Dock.**

Port: Milwaukee

Location: Milwaukee, left bank, Milwaukee River, above North Water Street Bridge. Datum: MLW

Operator: City of Milwaukee Fire Department.

Owner: City of Milwaukee.

Address: 501 South Water Street Phone:

Town: Milwaukee State: WI County: Milwaukee

Railway Connection: None.

Purpose: Mooring city fireboat 'Boston Whaler'

Depth Alongside (feet): 16 - 18 | | Latitude (decimal): 43.031667

Total Berthing Space (feet): 150 | | Longitude (decimal): -87.91

Remarks: ☐☐

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Waterway: **Milwaukee River** Mile: PWD: 28

Name: **Great Lakes Towing Co. Milwaukee Wharf.**

Port: Milwaukee

Location: Milwaukee right bank of Milwaukee River, below Water Street Bridge. Datum: MLW

Operator: Great Lakes Towing Co.

Owner: Great Lakes Towing Co.

Address: 130 South Water Street. Phone: 414/276-0906

Town: Milwaukee State: WI County: Milwaukee

Railway Connection: None.

Purpose: Mooring harbor tugs.

Depth Alongside (feet): 17 - 19 | | Latitude (decimal): 43.030833

Total Berthing Space (feet): 370 | | Longitude (decimal): -87.91

Remarks: Office located in building at rear. ☐☐

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Waterway: **Milwaukee River** Mile: PWD: 37

Name: **Hansen Storage Co. Erie Street, Wharf.**

Port: Milwaukee

Location: Left bank, Milwaukee River, below Chicago and North Western Railway bridge. Datum: MLW

Operator: Hansen Storage Co.

Owner: Hansen Storage Co.

Address: 541 East Erie Street Phone: 414/476-9221

Town: Milwaukee State: WI County: Milwaukee

Railway Connection: Chicago and North Western Railway: One 700-foot platform- level track along rear of storage warehouses.

Purpose: Mooring charter fishing vessels and recreational craft.

Depth Alongside (feet): 16 - 20 | | Latitude (decimal): 43.0275

Total Berthing Space (feet): 840 | | Longitude (decimal): -87.90361

Remarks: ☐☐

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77690 Detroit District

Port Facilities by Waterway

Waterway: Milwaukee River	Mile:	PWD: 27
Name: Hansen Storage Company, Water Street Terminal Wharf.		
Port: Milwaukee		
Location: Milwaukee, right bank of Milwaukee River, below Chicago and North Western Railway bridge.		Datum: MLW
Operator: Hansen Storage Company		
Owner: Hansen Storage Company		
Address: 412 South Water Street		Phone: 414/476-9221
Town: Milwaukee	State: WI	County: Milwaukee
Railway Connection: One 114-foot, platform-level track inside north end and 2 surface tracks at carfloor-level along rear of building, total length 850 feet; connect with Chicago and North Western Railway.		
Purpose: Mooring Vessels		
Depth Alongside (feet): 16 - 21		Latitude (decimal): 43.026944
Total Berthing Space (feet): 630		Longitude (decimal): -87.90472
Remarks: Building at rear is operated as a public storage warehouse..□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690
		Detroit District

Waterway: Milwaukee River	Mile:	PWD: 35
Name: Iroquois Boat Line Dock.		
Port: Milwaukee		
Location: Milwaukee, right bank, Milwaukee River between Clybourn and Michigan Street Bridges.		Datum: MLW
Operator: Iroquois Boat Line.		
Owner: Port of Milwaukee.		
Address:		Phone: 414/332-4194
Town: Milwaukee	State: WI	County: Milwaukee
Railway Connection: None.		
Purpose: Mooring harbor excursion vessel 'Iroquois'; boarding passengers.		
Depth Alongside (feet): 18		Latitude (decimal): 43.036944
Total Berthing Space (feet): 125		Longitude (decimal): -87.91028
Remarks: Harbor Excursion vessel 'Iroquois' operates during period April through September.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77690
		Detroit District

Port Facilities by Waterway

Waterway: **Milwaukee River** Mile: PWD: 38
 Name: **Port of Milwaukee, South Erie Street Wharf.**
 Port: Milwaukee
 Location: Milwaukee, left bank Milwaukee River at confluence with Kinnickinnic River. Datum: MLW
 Operator: Port of Milwaukee.
 Owner: Port of Milwaukee.
 Address: Phone: 414/286-8140
 Town: Milwaukee State: WI County: Milwaukee
 Railway Connection: None.
 Purpose: Mooring of miscellaneous vessels.
 Depth Alongside (feet): 19 - 21 | | Latitude (decimal): 43.025833
 Total Berthing Space (feet): 230 | | Longitude (decimal): -87.9025
 Remarks: Approximately 5 acres of partly paved open area located at rear. □□
 Port Series: 48 Year of Last Survey: 1994 Corps of Eng'rs Waterway Code: 77690 Detroit District

Waterway: **Minnesota Channel** Mile: PWD: 30
 Name: **Hallett Dock No. 7.**
 Port: Lake Superior
 Location: North side, Minnesota Channel, approx. 1.5 miles above BNSF Grassy Point Railroad Bridge, foot of 50th A Datum: LWD
 Operator: Hallett Dock Co., Inc.
 Owner: Hallett Dock Co., Inc.
 Address: 500 S. 59th Avenue West Phone: 218/628-2284
 Town: Duluth State: MN County: St. Louis
 Railway Connection: Three surface tracks located at rear of face join one track connecting with tracks of BNSF, CP, and UP Railroads.
 Purpose: Receipt of salt from self-unloading vessels.
 Depth Alongside (feet): 23 | 18 - 24 | Latitude (decimal): 46.721111
 Total Berthing Space (feet): 492 | 2,000 | Longitude (decimal): -92.16139
 Remarks: One 404- by 285-foot, steel frame, metal-covered building with asphalt-surfaced floor located at rear. Vessels unload directly into building through openings in roof. Adjacent open storage area has capacity for of dry bulk commodities. The facility is operated as a public dry bulk commodity terminal.
 Port Series: 49 Year of Last Survey: 1999 Corps of Eng'rs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway: Minnesota Channel	Mile:	PWD: 29
Name: The C. Reiss Coal Co., Duluth Dock.		
Port: Lake Superior		
Location: North side, Minnesota Channel, approx. 1.3 miles above BNSF Grassy Point Railroad Bridge.	Datum: LWD	
Operator: The C. Reiss Coal Co.		
Owner: The C. Reiss Coal Co.		
Address: 50th Avenue West and Lesure St.	Phone: 218/628-2371	
Town: Duluth	State: MN	County: St. Louis
Railway Connection: One 30-car surface track along face of wharf, and 2 surface tracks along rear of open storage area, total capacity 110 cars, connects with BNSF Railroad.		
Purpose: Receipt of miscellaneous dry bulk commodities, including coal, limestone, and salt from self-unloading vessels.		
Depth Alongside (feet): 29		Latitude (decimal): 46.721111
Total Berthing Space (feet): 2,854		Longitude (decimal): -92.15556
Remarks: Paved open storage area has capacity for 1,000,000 tons of dry bulk commodities. Screening plant with operating rate of 500 tons per hour and truck and rail scales are all located at rear.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79286
		Detroit District

Waterway: Muskegon Lake	Mile:	PWD: 141
Name: Amoco Oil Company Muskegon Wharf.		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake, west of Ruddiman Creek outflow.	Datum: LWD	
Operator: Not operated.		
Owner: Amoco Oil Company.		
Address: 1640 Lake Shore Drive.	Phone: 616/744-4999	
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: None.		
Purpose: Not used.		
Depth Alongside (feet): 18		Latitude (decimal): 43.2225
Total Berthing Space (feet): 475		Longitude (decimal): -86.28278
Remarks: -□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engns Waterway Code: 77562
		Detroit District

Port Facilities by Waterway

Waterway: **Muskegon Lake** Mile: PWD: 143

Name: **Brand Utility Services, Muskegon Dock.**

Port: Lake Michigan

Location: Muskegon, south shore, Muskegon Lake; Between foot of 6th and 7th Streets extended. Datum: LWD

Operator: Brand Utility Services, Inc.

Owner: John Bultema II and George Bailey d.b.a. Lakeland Investments.

Address: 740 W. Western Avenue. Phone: 616/726-4016

Town: Muskegon State: MI County: Muskegon

Railway Connection: One surface track serves building at rear of inner portion of southwest side; connects with CSX Transportation.

Purpose: Handling construction materials; mooring company-owned floating equipment.

Depth Alongside (feet): 23 | 15 - 18 | 15 Latitude (decimal): 43.234167

Total Berthing Space (feet): 540 | 140 | 500 Longitude (decimal): -86.26028

Remarks: Lower side of pier forms slip approximately 150 feet wide with upper side of Ref. No. 142□

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77562 Detroit District

Waterway: **Muskegon Lake** Mile: PWD: 149

Name: **Consumers Power Co. B. C. Cobb, Plant Wharf.**

Port: Lake Michigan

Location: Muskegon, north side of slip at north end, easterly shore of Muskegon Lake. Datum: LWD

Operator: Consumers Power Co.

Owner: Consumers Power Co.

Address: 151 N. Causeway Phone: 616/726-4480

Town: Muskegon State: MI County: Muskegon

Railway Connection: None.

Purpose: Receipt of coal by self-unloading vessel for plant consumption; handling heavy lift items including plant equipment and machinery.

Depth Alongside (feet): 30 | | Latitude (decimal): 43.252222

Total Berthing Space (feet): 1,800 | | Longitude (decimal): -86.24639

Remarks: Self-unloading vessels also discharge directly into the 22-acre, open storage area which has capacity for approximately 680,000 tons of coal. Heavy lift equipment is handled by rental cranes on crane platform.

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway: **Muskegon Lake** Mile: PWD: 140

Name: **Great Lakes Dock & Materials Co., Muskegon Pier.**

Port: Lake Michigan

Location: Muskegon, south shore of Muskegon Lake, east of Ruddiman Creek outflow. Datum: LWD

Operator: Meekhof's Lakeside Dock, Inc.

Owner: John H. Bultema II, and George F. Bailey.

Address: 1920 Lakeshore Drive. Phone: 616/755-2921

Town: Muskegon State: MI County: Muskegon

Railway Connection: None.

Purpose: Receipt of dry bulk commodities including limestone, slag, salt, coal and coke by self-unloading vessel; occasional shipment of dry bulk commodities.

Depth Alongside (feet): 45 | 28 | Latitude (decimal): 43.221389

Total Berthing Space (feet): 1,000 | 1,000 | Longitude (decimal): -86.29

Remarks: Inner end of east side is 650- by 175-foot slip formed by steel sheet pile bulkhead and natural banks with rip rap; material is unloaded in storage areas on both sides. Open storage areas totalling 20 acres have approximately 250,000 tons of bulk materials. Great Lakes Marina at inner end of west side has 200 berths for recreational boats, a small boat launching ramp, fuel and marine repair shops.

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77562 Detroit District

Waterway: **Muskegon Lake** Mile: PWD: 142

Name: **Lafarge Corporation, Muskegon Pier.**

Port: Lake Michigan

Location: Muskegon, south shore, Muskegon Lake; Between foot of 7th and 8th Streets Datum: LWD
extended.

Operator: Lafarge Corporation.

Owner: Lafarge Corporation.

Address: 1050 West Western Ave. Phone: 313/354-9050

Town: Muskegon State: MI County: Muskegon

Railway Connection: One surface track, total length 700 feet, serves receiving pit; connects with CSX Transportation.

Purpose: Receipt of bulk cement.

Depth Alongside (feet): 18 | - | 19 - 22 Latitude (decimal): 43.234444

Total Berthing Space (feet): - | -- | 900 Longitude (decimal): -86.26194

Remarks: Cement terminal in rear consisting of 10 concrete, cement storage silos with 3 interstitial bins, has capacity for 13,800 tons. Plant is equipped to load trucks at rate of 300 tons per hour and to unload rail ca per hour.

Port Series: 48 Year of Last Survey: 1994 Corps of Engrs Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway: Muskegon Lake	Mile:	PWD: 147
Name: Verplank Trucking Co. Muskegon Yard Dock.		
Port: Lake Michigan		
Location: Muskegon, south end, easterly shore of Muskegon Lake.	Datum: LWD	
Operator: Verplank Trucking Co.; and Andrie, Inc.		
Owner: Verplank Trucking Co.		
Address: 561 East Western Avenue	Phone: 616/842-1448	
Town: Muskegon State: MI	County: Muskegon	
Railway Connection: None.		
Purpose: Receipt of dry bulk commodities by self-unloading vessels; mooring company-owned floating equipment; handling construction materials and equipment.		
Depth Alongside (feet): 12 - 21 21 16 - 21	Latitude (decimal): 43.243333	
Total Berthing Space (feet): 300 1,200 1,500	Longitude (decimal): -86.24861	

Waterway: Muskegon Lake	Mile:	PWD: 147
Name: Verplank Trucking Co. Muskegon Yard Dock.		
Port: Lake Michigan		
Location: Muskegon, south end, easterly shore of Muskegon Lake.	Datum: LWD	
Operator: Verplank Trucking Co.; and Andrie, Inc.		
Owner: Verplank Trucking Co.		
Address: 561 East Western Avenue	Phone: 616/842-1448	
Town: Muskegon State: MI	County: Muskegon	
Railway Connection: None.		
Purpose: Receipt of dry bulk commodities by self-unloading vessels; mooring company-owned floating equipment; handling construction materials and equipment.		
Depth Alongside (feet): 12 - 21 21 16 - 21	Latitude (decimal): 43.243333	
Total Berthing Space (feet): 300 1,200 1,500	Longitude (decimal): -86.24861	

Remarks: Open storage area on pier has capacity for approximately 30,000 tons. □ □

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
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Remarks: Open storage area on pier has capacity for approximately 30,000 tons. □ □

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
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Port Facilities by Waterway

Waterway: Muskegon Lake	Mile:	PWD: 147
Name: Verplank Trucking Co. Muskegon Yard Dock.		
Port: Lake Michigan		
Location: Muskegon, south end, easterly shore of Muskegon Lake.	Datum: LWD	
Operator: Verplank Trucking Co.; and Andrie, Inc.		
Owner: Verplank Trucking Co.		
Address: 561 East Western Avenue	Phone: 616/842-1448	
Town: Muskegon State: MI	County: Muskegon	
Railway Connection: None.		
Purpose: Receipt of dry bulk commodities by self-unloading vessels; mooring company-owned floating equipment; handling construction materials and equipment.		
Depth Alongside (feet): 12 - 21 21 16 - 21	Latitude (decimal): 43.243333	
Total Berthing Space (feet): 300 1,200 1,500	Longitude (decimal): -86.24861	

Waterway: Muskegon Lake	Mile:	PWD: 147
Name: Verplank Trucking Co. Muskegon Yard Dock.		
Port: Lake Michigan		
Location: Muskegon, south end, easterly shore of Muskegon Lake.	Datum: LWD	
Operator: Verplank Trucking Co.; and Andrie, Inc.		
Owner: Verplank Trucking Co.		
Address: 561 East Western Avenue	Phone: 616/842-1448	
Town: Muskegon State: MI	County: Muskegon	
Railway Connection: None.		
Purpose: Receipt of dry bulk commodities by self-unloading vessels; mooring company-owned floating equipment; handling construction materials and equipment.		
Depth Alongside (feet): 12 - 21 21 16 - 21	Latitude (decimal): 43.243333	
Total Berthing Space (feet): 300 1,200 1,500	Longitude (decimal): -86.24861	

Remarks: Open storage area on pier has capacity for approximately 30,000 tons. □ □

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
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Remarks: Open storage area on pier has capacity for approximately 30,000 tons. □ □

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
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Port Facilities by Waterway

Waterway: Muskegon Lake	Mile:	PWD: 148
Name: Verplank Trucking Co., Muskegon Power Plant Slip Dock.		
Port: Lake Michigan		
Location: Muskegon, south side of slip at north end, easterly shore of Muskegon Lake.		Datum: LWD
Operator: Verplank Trucking Co.		
Owner: City of Muskegon.		
Address: 561 East Western Avenue		Phone: 616/842-1448
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: None.		
Purpose: Receipt of dry bulk commodities including limestone by self-unloading vessels.		
Depth Alongside (feet): 25		Latitude (decimal): 43.2525
Total Berthing Space (feet): 1,000		Longitude (decimal): -86.24389

Waterway: Muskegon Lake	Mile:	PWD: 148
Name: Verplank Trucking Co., Muskegon Power Plant Slip Dock.		
Port: Lake Michigan		
Location: Muskegon, south side of slip at north end, easterly shore of Muskegon Lake.		Datum: LWD
Operator: Verplank Trucking Co.		
Owner: City of Muskegon.		
Address: 561 East Western Avenue		Phone: 616/842-1448
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: None.		
Purpose: Receipt of dry bulk commodities including limestone by self-unloading vessels.		
Depth Alongside (feet): 25		Latitude (decimal): 43.2525
Total Berthing Space (feet): 1,000		Longitude (decimal): -86.24389

Remarks: Open storage area at rear has capacity for approximately 150,000 tons of stone.□□

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
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Remarks: Open storage area at rear has capacity for approximately 150,000 tons of stone.□□

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
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Port Facilities by Waterway

Waterway: Muskegon Lake	Mile:	PWD: 148
Name: Verplank Trucking Co., Muskegon Power Plant Slip Dock.		
Port: Lake Michigan		
Location: Muskegon, south side of slip at north end, easterly shore of Muskegon Lake.		Datum: LWD
Operator: Verplank Trucking Co.		
Owner: City of Muskegon.		
Address: 561 East Western Avenue		Phone: 616/842-1448
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: None.		
Purpose: Receipt of dry bulk commodities including limestone by self-unloading vessels.		
Depth Alongside (feet): 25		Latitude (decimal): 43.2525
Total Berthing Space (feet): 1,000		Longitude (decimal): -86.24389

Waterway: Muskegon Lake	Mile:	PWD: 148
Name: Verplank Trucking Co., Muskegon Power Plant Slip Dock.		
Port: Lake Michigan		
Location: Muskegon, south side of slip at north end, easterly shore of Muskegon Lake.		Datum: LWD
Operator: Verplank Trucking Co.		
Owner: City of Muskegon.		
Address: 561 East Western Avenue		Phone: 616/842-1448
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: None.		
Purpose: Receipt of dry bulk commodities including limestone by self-unloading vessels.		
Depth Alongside (feet): 25		Latitude (decimal): 43.2525
Total Berthing Space (feet): 1,000		Longitude (decimal): -86.24389

Remarks: Open storage area at rear has capacity for approximately 150,000 tons of stone.□□

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
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Remarks: Open storage area at rear has capacity for approximately 150,000 tons of stone.□□

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
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Port Facilities by Waterway

Waterway:	Muskegon Lake	Mile:	PWD: 144
Name:	West Michigan Dock & Market Corp., Lower Dock, Berths Nos. 1 and 2		
Port:	Lake Michigan		
Location:	Muskegon, south shore, Muskegon Lake; Foot of Mart Street extended.	Datum:	LWD
Operator:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address:	The Mart	Phone:	616/722-6691
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	One car-floor level track along rear of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose:	Mooring company-owned vessels.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	43.235
Total Berthing Space (feet):	480	Longitude (decimal):	-86.25917
Waterway:	Muskegon Lake	Mile:	PWD: 144
Name:	West Michigan Dock & Market Corp., Lower Dock, Berths Nos. 1 and 2		
Port:	Lake Michigan		
Location:	Muskegon, south shore, Muskegon Lake; Foot of Mart Street extended.	Datum:	LWD
Operator:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address:	The Mart	Phone:	616/722-6691
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	One car-floor level track along rear of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose:	Mooring company-owned vessels.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	43.235
Total Berthing Space (feet):	480	Longitude (decimal):	-86.25917
Waterway:	Muskegon Lake	Mile:	PWD: 144
Name:	West Michigan Dock & Market Corp., Lower Dock, Berths Nos. 1 and 2		
Port:	Lake Michigan		
Location:	Muskegon, south shore, Muskegon Lake; Foot of Mart Street extended.	Datum:	LWD
Operator:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address:	The Mart	Phone:	616/722-6691
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	One car-floor level track along rear of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose:	Mooring company-owned vessels.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	43.235
Total Berthing Space (feet):	480	Longitude (decimal):	-86.25917
Remarks:	At time of survey (1993) transit shed was being used as a private storage warehouse being supplied from adjacent Ref. Nos. 145 and 146. One 5-inch sewer line serves Berth No. 2. Private cold storage warehouses of south portion of Berth No. 2.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
Remarks:	At time of survey (1993) transit shed was being used as a private storage warehouse being supplied from adjacent Ref. Nos. 145 and 146. One 5-inch sewer line serves Berth No. 2. Private cold storage warehouses of south portion of Berth No. 2.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District

Port Facilities by Waterway

Remarks: At time of survey (1993) transit shed was being used as a private storage warehouse being supplied from adjacent Ref. Nos. 145 and 146. One 5-inch sewer line serves Berth No. 2. Private cold storage warehouses of south portion of Berth No. 2.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway:	Muskegon Lake	Mile:	PWD: 144
Name:	West Michigan Dock & Market Corp., Lower Dock, Berths Nos. 1 and 2		
Port:	Lake Michigan		
Location:	Muskegon, south shore, Muskegon Lake; Foot of Mart Street extended.	Datum:	LWD
Operator:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address:	The Mart	Phone:	616/722-6691
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	One car-floor level track along rear of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose:	Mooring company-owned vessels.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	43.235
Total Berthing Space (feet):	480	Longitude (decimal):	-86.25917
Waterway:	Muskegon Lake	Mile:	PWD: 144
Name:	West Michigan Dock & Market Corp., Lower Dock, Berths Nos. 1 and 2		
Port:	Lake Michigan		
Location:	Muskegon, south shore, Muskegon Lake; Foot of Mart Street extended.	Datum:	LWD
Operator:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address:	The Mart	Phone:	616/722-6691
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	One car-floor level track along rear of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose:	Mooring company-owned vessels.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	43.235
Total Berthing Space (feet):	480	Longitude (decimal):	-86.25917
Waterway:	Muskegon Lake	Mile:	PWD: 144
Name:	West Michigan Dock & Market Corp., Lower Dock, Berths Nos. 1 and 2		
Port:	Lake Michigan		
Location:	Muskegon, south shore, Muskegon Lake; Foot of Mart Street extended.	Datum:	LWD
Operator:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address:	The Mart	Phone:	616/722-6691
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	One car-floor level track along rear of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose:	Mooring company-owned vessels.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	43.235
Total Berthing Space (feet):	480	Longitude (decimal):	-86.25917
Remarks:	At time of survey (1993) transit shed was being used as a private storage warehouse being supplied from adjacent Ref. Nos. 145 and 146. One 5-inch sewer line serves Berth No. 2. Private cold storage warehouses of south portion of Berth No. 2.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engns Waterway Code: 77562	Detroit District
Remarks:	At time of survey (1993) transit shed was being used as a private storage warehouse being supplied from adjacent Ref. Nos. 145 and 146. One 5-inch sewer line serves Berth No. 2. Private cold storage warehouses of south portion of Berth No. 2.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engns Waterway Code: 77562	Detroit District

Port Facilities by Waterway

Remarks: At time of survey (1993) transit shed was being used as a private storage warehouse being supplied from adjacent Ref. Nos. 145 and 146. One 5-inch sewer line serves Berth No. 2. Private cold storage warehouses of south portion of Berth No. 2.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway:	Muskegon Lake	Mile:	PWD: 144
Name:	West Michigan Dock & Market Corp., Lower Dock, Berths Nos. 1 and 2		
Port:	Lake Michigan		
Location:	Muskegon, south shore, Muskegon Lake; Foot of Mart Street extended.	Datum:	LWD
Operator:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address:	The Mart	Phone:	616/722-6691
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	One car-floor level track along rear of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose:	Mooring company-owned vessels.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	43.235
Total Berthing Space (feet):	480	Longitude (decimal):	-86.25917
Waterway:	Muskegon Lake	Mile:	PWD: 144
Name:	West Michigan Dock & Market Corp., Lower Dock, Berths Nos. 1 and 2		
Port:	Lake Michigan		
Location:	Muskegon, south shore, Muskegon Lake; Foot of Mart Street extended.	Datum:	LWD
Operator:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address:	The Mart	Phone:	616/722-6691
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	One car-floor level track along rear of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose:	Mooring company-owned vessels.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	43.235
Total Berthing Space (feet):	480	Longitude (decimal):	-86.25917
Waterway:	Muskegon Lake	Mile:	PWD: 144
Name:	West Michigan Dock & Market Corp., Lower Dock, Berths Nos. 1 and 2		
Port:	Lake Michigan		
Location:	Muskegon, south shore, Muskegon Lake; Foot of Mart Street extended.	Datum:	LWD
Operator:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner:	West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address:	The Mart	Phone:	616/722-6691
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	One car-floor level track along rear of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose:	Mooring company-owned vessels.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	43.235
Total Berthing Space (feet):	480	Longitude (decimal):	-86.25917
Remarks:	At time of survey (1993) transit shed was being used as a private storage warehouse being supplied from adjacent Ref. Nos. 145 and 146. One 5-inch sewer line serves Berth No. 2. Private cold storage warehouses of south portion of Berth No. 2.		
Port Series:	48	Year of Last Survey:	1994
Corps of Eng'rs Waterway Code:	77562	Detroit District	
Remarks:	At time of survey (1993) transit shed was being used as a private storage warehouse being supplied from adjacent Ref. Nos. 145 and 146. One 5-inch sewer line serves Berth No. 2. Private cold storage warehouses of south portion of Berth No. 2.		
Port Series:	48	Year of Last Survey:	1994
Corps of Eng'rs Waterway Code:	77562	Detroit District	

Port Facilities by Waterway

Remarks: At time of survey (1993) transit shed was being used as a private storage warehouse being supplied from adjacent Ref. Nos. 145 and 146. One 5-inch sewer line serves Berth No. 2. Private cold storage warehouses of south portion of Berth No. 2.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway: Muskegon Lake	Mile:	PWD: 145
Name: West Michigan Dock & Market Corp., Outer Dock, Berths Nos. 3, 4 and		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake; Between foot of Mart and 4th Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One marginal surface track on apron joins with additional trackage serving terminal, and 2 platform-level tracks along shipside of transit shed; connect with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and other dry bulk commodities by self-unloading vessel; shipment of scrap metal.		
Depth Alongside (feet): 21 - 30		Latitude (decimal): 43.237778
Total Berthing Space (feet): 930		Longitude (decimal): -86.26083
Waterway: Muskegon Lake	Mile:	PWD: 145
Name: West Michigan Dock & Market Corp., Outer Dock, Berths Nos. 3, 4 and		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake; Between foot of Mart and 4th Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One marginal surface track on apron joins with additional trackage serving terminal, and 2 platform-level tracks along shipside of transit shed; connect with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and other dry bulk commodities by self-unloading vessel; shipment of scrap metal.		
Depth Alongside (feet): 21 - 30		Latitude (decimal): 43.237778
Total Berthing Space (feet): 930		Longitude (decimal): -86.26083
Waterway: Muskegon Lake	Mile:	PWD: 145
Name: West Michigan Dock & Market Corp., Outer Dock, Berths Nos. 3, 4 and		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake; Between foot of Mart and 4th Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One marginal surface track on apron joins with additional trackage serving terminal, and 2 platform-level tracks along shipside of transit shed; connect with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and other dry bulk commodities by self-unloading vessel; shipment of scrap metal.		
Depth Alongside (feet): 21 - 30		Latitude (decimal): 43.237778
Total Berthing Space (feet): 930		Longitude (decimal): -86.26083
Remarks: Transit shed is also used as a storage warehouse. Approximately 5.3 acres of open storage area is located at the rear of Berths Nos. 4 and 5 extending to rear of Berth No. 6 (Ref. No. 144) has capacity for 70,000 tons of limestone.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77562
		Detroit District

Port Facilities by Waterway

Remarks: Transit shed is also used as a storage warehouse. Approximately 5.3 acres of open storage area is located at the rear of Berths Nos. 4 and 5 extending to rear of Berth No. 6 (Ref. No. 144) has capacity for 70,00 20,000 tons of limestone.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Remarks: Transit shed is also used as a storage warehouse. Approximately 5.3 acres of open storage area is located at the rear of Berths Nos. 4 and 5 extending to rear of Berth No. 6 (Ref. No. 144) has capacity for 70,00 20,000 tons of limestone.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway: Muskegon Lake	Mile:	PWD: 145
Name: West Michigan Dock & Market Corp., Outer Dock, Berths Nos. 3, 4 and 5		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake; Between foot of Mart and 4th Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One marginal surface track on apron joins with additional trackage serving terminal, and 2 platform-level tracks along shipside of transit shed; connect with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and other dry bulk commodities by self-unloading vessel; shipment of scrap metal.		
Depth Alongside (feet): 21 - 30		Latitude (decimal): 43.237778
Total Berthing Space (feet): 930		Longitude (decimal): -86.26083
Waterway: Muskegon Lake Mile: PWD: 145		
Name: West Michigan Dock & Market Corp., Outer Dock, Berths Nos. 3, 4 and 5		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake; Between foot of Mart and 4th Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One marginal surface track on apron joins with additional trackage serving terminal, and 2 platform-level tracks along shipside of transit shed; connect with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and other dry bulk commodities by self-unloading vessel; shipment of scrap metal.		
Depth Alongside (feet): 21 - 30		Latitude (decimal): 43.237778
Total Berthing Space (feet): 930		Longitude (decimal): -86.26083
Waterway: Muskegon Lake Mile: PWD: 145		
Name: West Michigan Dock & Market Corp., Outer Dock, Berths Nos. 3, 4 and 5		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake; Between foot of Mart and 4th Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One marginal surface track on apron joins with additional trackage serving terminal, and 2 platform-level tracks along shipside of transit shed; connect with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and other dry bulk commodities by self-unloading vessel; shipment of scrap metal.		
Depth Alongside (feet): 21 - 30		Latitude (decimal): 43.237778
Total Berthing Space (feet): 930		Longitude (decimal): -86.26083
Remarks: Transit shed is also used as a storage warehouse. Approximately 5.3 acres of open storage area is located at the rear of Berths Nos. 4 and 5 extending to rear of Berth No. 6 (Ref. No. 144) has capacity for 70,000 to 200,000 tons of limestone.		
Port Series: 48	Year of Last Survey: 1994	Corps of Eng'rs Waterway Code: 77562
		Detroit District

Port Facilities by Waterway

Remarks: Transit shed is also used as a storage warehouse. Approximately 5.3 acres of open storage area is located at the rear of Berths Nos. 4 and 5 extending to rear of Berth No. 6 (Ref. No. 144) has capacity for 70,00 20,000 tons of limestone.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Remarks: Transit shed is also used as a storage warehouse. Approximately 5.3 acres of open storage area is located at the rear of Berths Nos. 4 and 5 extending to rear of Berth No. 6 (Ref. No. 144) has capacity for 70,00 20,000 tons of limestone.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway: Muskegon Lake	Mile:	PWD: 145
Name: West Michigan Dock & Market Corp., Outer Dock, Berths Nos. 3, 4 and		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake; Between foot of Mart and 4th Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One marginal surface track on apron joins with additional trackage serving terminal, and 2 platform-level tracks along shipside of transit shed; connect with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and other dry bulk commodities by self-unloading vessel; shipment of scrap metal.		
Depth Alongside (feet): 21 - 30		Latitude (decimal): 43.237778
Total Berthing Space (feet): 930		Longitude (decimal): -86.26083
Waterway: Muskegon Lake Mile: PWD: 145		
Name: West Michigan Dock & Market Corp., Outer Dock, Berths Nos. 3, 4 and		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake; Between foot of Mart and 4th Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One marginal surface track on apron joins with additional trackage serving terminal, and 2 platform-level tracks along shipside of transit shed; connect with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and other dry bulk commodities by self-unloading vessel; shipment of scrap metal.		
Depth Alongside (feet): 21 - 30		Latitude (decimal): 43.237778
Total Berthing Space (feet): 930		Longitude (decimal): -86.26083
Waterway: Muskegon Lake Mile: PWD: 145		
Name: West Michigan Dock & Market Corp., Outer Dock, Berths Nos. 3, 4 and		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake; Between foot of Mart and 4th Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One marginal surface track on apron joins with additional trackage serving terminal, and 2 platform-level tracks along shipside of transit shed; connect with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and other dry bulk commodities by self-unloading vessel; shipment of scrap metal.		
Depth Alongside (feet): 21 - 30		Latitude (decimal): 43.237778
Total Berthing Space (feet): 930		Longitude (decimal): -86.26083
Remarks: Transit shed is also used as a storage warehouse. Approximately 5.3 acres of open storage area is located at the rear of Berths Nos. 4 and 5 extending to rear of Berth No. 6 (Ref. No. 144) has capacity for 70,000 tons of limestone.		
Port Series: 48	Year of Last Survey: 1994	Corps of Eng'rs Waterway Code: 77562
		Detroit District

Port Facilities by Waterway

Remarks: Transit shed is also used as a storage warehouse. Approximately 5.3 acres of open storage area is located at the rear of Berths Nos. 4 and 5 extending to rear of Berth No. 6 (Ref. No. 144) has capacity for 70,00 20,000 tons of limestone.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Remarks: Transit shed is also used as a storage warehouse. Approximately 5.3 acres of open storage area is located at the rear of Berths Nos. 4 and 5 extending to rear of Berth No. 6 (Ref. No. 144) has capacity for 70,00 20,000 tons of limestone.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway: Muskegon Lake	Mile:	PWD: 146
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Name: **West Michigan Dock & Market Corp., Upper Dock, Berths Nos. 6 and 7**

Port: Lake Michigan

Location: Muskegon, Muskegon Lake; Southeast side, between foot of 4th and 3rd Streets extended. Datum: LWD

Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Address: The Mart Phone: 616/722-6691

Town: Muskegon State: MI County: Muskegon

Railway Connection: One platform-level track along south side of transit shed joins additional trackage serving terminal; connects with CSX Transportation.

Purpose: Receipt of limestone, pig iron, and miscellaneous dry bulk materials by self-unloading vessel.

Depth Alongside (feet): 25	Latitude (decimal): 43.238611
Total Berthing Space (feet): 784	Longitude (decimal): -86.25861

Waterway: Muskegon Lake	Mile:	PWD: 146
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Name: **West Michigan Dock & Market Corp., Upper Dock, Berths Nos. 6 and 7**

Port: Lake Michigan

Location: Muskegon, Muskegon Lake; Southeast side, between foot of 4th and 3rd Streets extended. Datum: LWD

Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Address: The Mart Phone: 616/722-6691

Town: Muskegon State: MI County: Muskegon

Railway Connection: One platform-level track along south side of transit shed joins additional trackage serving terminal; connects with CSX Transportation.

Purpose: Receipt of limestone, pig iron, and miscellaneous dry bulk materials by self-unloading vessel.

Depth Alongside (feet): 25	Latitude (decimal): 43.238611
Total Berthing Space (feet): 784	Longitude (decimal): -86.25861

Waterway: Muskegon Lake	Mile:	PWD: 146
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Name: **West Michigan Dock & Market Corp., Upper Dock, Berths Nos. 6 and 7**

Port: Lake Michigan

Location: Muskegon, Muskegon Lake; Southeast side, between foot of 4th and 3rd Streets extended. Datum: LWD

Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Address: The Mart Phone: 616/722-6691

Town: Muskegon State: MI County: Muskegon

Railway Connection: One platform-level track along south side of transit shed joins additional trackage serving terminal; connects with CSX Transportation.

Purpose: Receipt of limestone, pig iron, and miscellaneous dry bulk materials by self-unloading vessel.

Depth Alongside (feet): 25	Latitude (decimal): 43.238611
Total Berthing Space (feet): 784	Longitude (decimal): -86.25861

Remarks: Transit shed also is used as a storage warehouse and is located in rear of south portion of wharf adjacent to Shed No. 2 (Ref. No. 143). Shipside access to truck platform is via a concrete ramp at its east end.

Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77562	Detroit District
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Port Facilities by Waterway

Remarks: Transit shed also is used as a storage warehouse and is located in rear of south portion of wharf adjacent to Shed No. 2 (Ref. No. 143). Shipside access to truck platform is via a concrete ramp at its east end.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Remarks: Transit shed also is used as a storage warehouse and is located in rear of south portion of wharf adjacent to Shed No. 2 (Ref. No. 143). Shipside access to truck platform is via a concrete ramp at its east end.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway: Muskegon Lake	Mile:	PWD: 146
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Name: **West Michigan Dock & Market Corp., Upper Dock, Berths Nos. 6 and 7**

Port: Lake Michigan

Location: Muskegon, Muskegon Lake; Southeast side, between foot of 4th and 3rd Streets extended. Datum: LWD

Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Address: The Mart Phone: 616/722-6691

Town: Muskegon State: MI County: Muskegon

Railway Connection: One platform-level track along south side of transit shed joins additional trackage serving terminal; connects with CSX Transportation.

Purpose: Receipt of limestone, pig iron, and miscellaneous dry bulk materials by self-unloading vessel.

Depth Alongside (feet): 25	Latitude (decimal): 43.238611
Total Berthing Space (feet): 784	Longitude (decimal): -86.25861

Waterway: Muskegon Lake	Mile:	PWD: 146
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Name: **West Michigan Dock & Market Corp., Upper Dock, Berths Nos. 6 and 7**

Port: Lake Michigan

Location: Muskegon, Muskegon Lake; Southeast side, between foot of 4th and 3rd Streets extended. Datum: LWD

Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Address: The Mart Phone: 616/722-6691

Town: Muskegon State: MI County: Muskegon

Railway Connection: One platform-level track along south side of transit shed joins additional trackage serving terminal; connects with CSX Transportation.

Purpose: Receipt of limestone, pig iron, and miscellaneous dry bulk materials by self-unloading vessel.

Depth Alongside (feet): 25	Latitude (decimal): 43.238611
Total Berthing Space (feet): 784	Longitude (decimal): -86.25861

Waterway: Muskegon Lake	Mile:	PWD: 146
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Name: **West Michigan Dock & Market Corp., Upper Dock, Berths Nos. 6 and 7**

Port: Lake Michigan

Location: Muskegon, Muskegon Lake; Southeast side, between foot of 4th and 3rd Streets extended. Datum: LWD

Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.

Address: The Mart Phone: 616/722-6691

Town: Muskegon State: MI County: Muskegon

Railway Connection: One platform-level track along south side of transit shed joins additional trackage serving terminal; connects with CSX Transportation.

Purpose: Receipt of limestone, pig iron, and miscellaneous dry bulk materials by self-unloading vessel.

Depth Alongside (feet): 25	Latitude (decimal): 43.238611
Total Berthing Space (feet): 784	Longitude (decimal): -86.25861

Remarks: Transit shed also is used as a storage warehouse and is located in rear of south portion of wharf adjacent to Shed No. 2 (Ref. No. 143). Shipside access to truck platform is via a concrete ramp at its east end.

Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77562	Detroit District
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Port Facilities by Waterway

Remarks: Transit shed also is used as a storage warehouse and is located in rear of south portion of wharf adjacent to Shed No. 2 (Ref. No. 143). Shipside access to truck platform is via a concrete ramp at its east end.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Remarks: Transit shed also is used as a storage warehouse and is located in rear of south portion of wharf adjacent to Shed No. 2 (Ref. No. 143). Shipside access to truck platform is via a concrete ramp at its east end.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway: Muskegon Lake	Mile:	PWD: 146
Name: West Michigan Dock & Market Corp., Upper Dock, Berths Nos. 6 and 7		
Port: Lake Michigan		
Location: Muskegon, Muskegon Lake; Southeast side, between foot of 4th and 3rd Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One platform-level track along south side of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and miscellaneous dry bulk materials by self-unloading vessel.		
Depth Alongside (feet): 25		Latitude (decimal): 43.238611
Total Berthing Space (feet): 784		Longitude (decimal): -86.25861

Waterway: Muskegon Lake	Mile:	PWD: 146
Name: West Michigan Dock & Market Corp., Upper Dock, Berths Nos. 6 and 7		
Port: Lake Michigan		
Location: Muskegon, Muskegon Lake; Southeast side, between foot of 4th and 3rd Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One platform-level track along south side of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and miscellaneous dry bulk materials by self-unloading vessel.		
Depth Alongside (feet): 25		Latitude (decimal): 43.238611
Total Berthing Space (feet): 784		Longitude (decimal): -86.25861

Waterway: Muskegon Lake	Mile:	PWD: 146
Name: West Michigan Dock & Market Corp., Upper Dock, Berths Nos. 6 and 7		
Port: Lake Michigan		
Location: Muskegon, Muskegon Lake; Southeast side, between foot of 4th and 3rd Streets extended.		Datum: LWD
Operator: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Owner: West Michigan Dock & Market Corp., subsidiary of Sand Products Corp.		
Address: The Mart		Phone: 616/722-6691
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: One platform-level track along south side of transit shed joins additional trackage serving terminal; connects with CSX Transportation.		
Purpose: Receipt of limestone, pig iron, and miscellaneous dry bulk materials by self-unloading vessel.		
Depth Alongside (feet): 25		Latitude (decimal): 43.238611
Total Berthing Space (feet): 784		Longitude (decimal): -86.25861

Remarks: Transit shed also is used as a storage warehouse and is located in rear of south portion of wharf adjacent to Shed No. 2 (Ref. No. 143). Shipside access to truck platform is via a concrete ramp at its east end.

Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77562	Detroit District
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Port Facilities by Waterway

Remarks: Transit shed also is used as a storage warehouse and is located in rear of south portion of wharf adjacent to Shed No. 2 (Ref. No. 143). Shipside access to truck platform is via a concrete ramp at its east end.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Remarks: Transit shed also is used as a storage warehouse and is located in rear of south portion of wharf adjacent to Shed No. 2 (Ref. No. 143). Shipside access to truck platform is via a concrete ramp at its east end.

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Waterway: **Muskegon Lake** Mile: PWD: 150
 Name: **Zephyr, North Muskegon Dock.**
 Port: Lake Michigan
 Location: North Muskegon, east side of Muskegon Lake, approximately 500 feet north of mouth of Muskegon River. Datum: LWD
 Operator: Zephyr, Inc.
 Owner: Zephyr, Inc.
 Address: Phone: 616/744-1631
 Town: North Muskegon State: MI County: Muskegon
 Railway Connection: None.
 Purpose: Receipt of liquid fertilizer.
 Depth Alongside (feet): 22 | Latitude (decimal): 43.252222
 Total Berthing Space (feet): 350 | Longitude (decimal): -86.24917
 Remarks: One 10-inch pipeline extends from platform to 16 steel storage tanks, located at 1222 Holton Road, total capacity 16,275,000 gallons. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Waterway: **Muskegon Lake Entrance Channel** Mile: PWD: 135
 Name: **City of Muskegon Maritime Museum Mooring.**
 Port: Lake Michigan
 Location: Muskegon, south side of entrance to Muskegon Lake, approximately 2,450 feet from outer end of South Pier. Datum: LWD
 Operator: City of Muskegon.
 Owner: United States Government.
 Address: Fulton Avenue. Phone: 616/744-9117
 Town: Muskegon State: MI County: Muskegon
 Railway Connection: None.
 Purpose: Mooring submarine 'USS Silversides' and 'SS Rachael Carson' on exhibition.
 Depth Alongside (feet): 16 | Latitude (decimal): 43.23
 Total Berthing Space (feet): 200 | Longitude (decimal): -86.3325
 Remarks: -□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77562 Detroit District

Port Facilities by Waterway

Waterway: Muskegon Lake Entrance Channel	Mile:	PWD: 136
Name: S. D. Warren Co., Central Mill Coal Slip.		
Port: Lake Michigan		
Location: Muskegon, south shore of Muskegon Lake, approximately 1.4 miles south of inner end of entrance channel.		Datum: LWD
Operator: S. D. Warren Co., a division of Scott Paper Co.		
Owner: S. D. Warren Co., a division of Scott Paper Co.		
Address: 2400 Lake Shore Drive.		Phone: 616/759-5226
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: Trackage serving plant in rear connects with CSX Transportation.		
Purpose: Receipt of coal for plant consumption by self-unloading vessel.		
Depth Alongside (feet):	24 24 24	Latitude (decimal): 43.216389
Total Berthing Space (feet):	- 1,000 -	Longitude (decimal): -86.30778
Remarks: Open storage area surrounding slip has capacity for 250,000 tons of coal.□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562
		Detroit District

Port Facilities by Waterway

Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 138
Name:	Sweetwater Car Ferry Slip.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	22	Latitude (decimal):	43.221111
Total Berthing Space (feet):	425	Longitude (decimal):	-86.29556
Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 138
Name:	Sweetwater Car Ferry Slip.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	22	Latitude (decimal):	43.221111
Total Berthing Space (feet):	425	Longitude (decimal):	-86.29556
Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 138
Name:	Sweetwater Car Ferry Slip.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	22	Latitude (decimal):	43.221111
Total Berthing Space (feet):	425	Longitude (decimal):	-86.29556
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District

Port Facilities by Waterway

Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 138
Name:	Sweetwater Car Ferry Slip.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	22	Latitude (decimal):	43.221111
Total Berthing Space (feet):	425	Longitude (decimal):	-86.29556
Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 138
Name:	Sweetwater Car Ferry Slip.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	22	Latitude (decimal):	43.221111
Total Berthing Space (feet):	425	Longitude (decimal):	-86.29556
Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 138
Name:	Sweetwater Car Ferry Slip.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	22	Latitude (decimal):	43.221111
Total Berthing Space (feet):	425	Longitude (decimal):	-86.29556
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District

Port Facilities by Waterway

Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 138
Name:	Sweetwater Car Ferry Slip.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	22	Latitude (decimal):	43.221111
Total Berthing Space (feet):	425	Longitude (decimal):	-86.29556
Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 138
Name:	Sweetwater Car Ferry Slip.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	22	Latitude (decimal):	43.221111
Total Berthing Space (feet):	425	Longitude (decimal):	-86.29556
Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 138
Name:	Sweetwater Car Ferry Slip.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	22	Latitude (decimal):	43.221111
Total Berthing Space (feet):	425	Longitude (decimal):	-86.29556
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77562	Detroit District
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77562	Detroit District
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77562	Detroit District

Port Facilities by Waterway

Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 139
Name:	Sweetwater East Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.			Phone:	616/728-2226
Town:	Muskegon	State:	MI	County:	Muskegon
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	20			Latitude (decimal):	43.220556
Total Berthing Space (feet):	560			Longitude (decimal):	-86.29528
Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 139
Name:	Sweetwater East Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.			Phone:	616/728-2226
Town:	Muskegon	State:	MI	County:	Muskegon
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	20			Latitude (decimal):	43.220556
Total Berthing Space (feet):	560			Longitude (decimal):	-86.29528
Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 139
Name:	Sweetwater East Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.			Phone:	616/728-2226
Town:	Muskegon	State:	MI	County:	Muskegon
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	20			Latitude (decimal):	43.220556
Total Berthing Space (feet):	560			Longitude (decimal):	-86.29528
Remarks:	-□□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		

Port Facilities by Waterway

Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 139
Name:	Sweetwater East Dock.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	20	Latitude (decimal):	43.220556
Total Berthing Space (feet):	560	Longitude (decimal):	-86.29528
Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 139
Name:	Sweetwater East Dock.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	20	Latitude (decimal):	43.220556
Total Berthing Space (feet):	560	Longitude (decimal):	-86.29528
Waterway:	Muskegon Lake Entrance Channel	Mile:	PWD: 139
Name:	Sweetwater East Dock.		
Port:	Lake Michigan		
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann	Datum:	LWD
Operator:	Sweetwater, Inc.		
Owner:	Sweetwater, Inc.		
Address:	2000 Lake Shore Drive.	Phone:	616/728-2226
Town:	Muskegon	State:	MI
		County:	Muskegon
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	20	Latitude (decimal):	43.220556
Total Berthing Space (feet):	560	Longitude (decimal):	-86.29528
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District
Remarks:	-□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District

Port Facilities by Waterway

Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 139
Name:	Sweetwater East Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State:	MI	County:	Muskegon
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	20		Latitude (decimal):	43.220556	
Total Berthing Space (feet):	560		Longitude (decimal):	-86.29528	
Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 139
Name:	Sweetwater East Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State:	MI	County:	Muskegon
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	20		Latitude (decimal):	43.220556	
Total Berthing Space (feet):	560		Longitude (decimal):	-86.29528	
Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 139
Name:	Sweetwater East Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State:	MI	County:	Muskegon
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	20		Latitude (decimal):	43.220556	
Total Berthing Space (feet):	560		Longitude (decimal):	-86.29528	
Remarks:	-□□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		

Port Facilities by Waterway

Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 137
Name:	Sweetwater, Muskegon West Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State:	MI	County:	Muskegon
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	15 - 20			Latitude (decimal):	43.220833
Total Berthing Space (feet):	800			Longitude (decimal):	-86.29639
Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 137
Name:	Sweetwater, Muskegon West Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State:	MI	County:	Muskegon
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	15 - 20			Latitude (decimal):	43.220833
Total Berthing Space (feet):	800			Longitude (decimal):	-86.29639
Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 137
Name:	Sweetwater, Muskegon West Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State:	MI	County:	Muskegon
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	15 - 20			Latitude (decimal):	43.220833
Total Berthing Space (feet):	800			Longitude (decimal):	-86.29639
Remarks:	-□□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		

Port Facilities by Waterway

Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 137
Name:	Sweetwater, Muskegon West Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State: MI	County:	Muskegon	
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	15 - 20		Latitude (decimal):	43.220833	
Total Berthing Space (feet):	800		Longitude (decimal):	-86.29639	
Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 137
Name:	Sweetwater, Muskegon West Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State: MI	County:	Muskegon	
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	15 - 20		Latitude (decimal):	43.220833	
Total Berthing Space (feet):	800		Longitude (decimal):	-86.29639	
Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 137
Name:	Sweetwater, Muskegon West Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State: MI	County:	Muskegon	
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	15 - 20		Latitude (decimal):	43.220833	
Total Berthing Space (feet):	800		Longitude (decimal):	-86.29639	
Remarks:	-□□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		

Port Facilities by Waterway

Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 137
Name:	Sweetwater, Muskegon West Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State: MI	County:	Muskegon	
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	15 - 20		Latitude (decimal):	43.220833	
Total Berthing Space (feet):	800		Longitude (decimal):	-86.29639	
Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 137
Name:	Sweetwater, Muskegon West Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State: MI	County:	Muskegon	
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	15 - 20		Latitude (decimal):	43.220833	
Total Berthing Space (feet):	800		Longitude (decimal):	-86.29639	
Waterway:	Muskegon Lake Entrance Channel			Mile:	PWD: 137
Name:	Sweetwater, Muskegon West Dock.				
Port:	Lake Michigan				
Location:	Muskegon, south shore of Muskegon Lake, approximately 1.7 miles southeast of inner end of entrance chann			Datum:	LWD
Operator:	Sweetwater, Inc.				
Owner:	Sweetwater, Inc.				
Address:	2000 Lake Shore Drive.		Phone:	616/728-2226	
Town:	Muskegon	State: MI	County:	Muskegon	
Railway Connection:	None.				
Purpose:	Mooring company-owned floating equipment.				
Depth Alongside (feet):	15 - 20		Latitude (decimal):	43.220833	
Total Berthing Space (feet):	800		Longitude (decimal):	-86.29639	
Remarks:	-□□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77562	Detroit District		

Port Facilities by Waterway

Waterway: Muskegon Lake Entrance Channel	Mile:	PWD: 134
Name: U. S. Coast Guard Station Muskegon, Boat Basin.		
Port: Lake Michigan		
Location: Muskegon, south side of entrance to Muskegon Lake, approximately 700 feet from outer end of South Pier.		Datum: LWD
Operator: U. S. Coast Guard; and Great Lakes Research Laboratory, Department of Commerce.		
Owner: United States Government.		
Address: 1555 Beach Street.		Phone: 616-759-8582
Town: Muskegon	State: MI	County: Muskegon
Railway Connection: None.		
Purpose: Mooring U.S. Coast Guard patrol vessels, and Department of Commerce research vessels.		
Depth Alongside (feet):	10 10	Latitude (decimal): 43.2275
Total Berthing Space (feet):	56 160	Longitude (decimal): -86.33833
Remarks: U.S.C.G. 'Sardet' and Dept. of Commerce 'R/V Shenehon' are based at facility. Buildings in rear are used as headquarters, office, garage, and supply warehouse. Entrance to basin is approximately 30 feet wide.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engns Waterway Code: 77562
		Detroit District

Port Facilities by Waterway

Waterway: Pere Marquette Lake	Mile:	PWD: 132
Name: Dow Chemical U.S.A., Ludington Plant East Wharf.		
Port: Lake Michigan		
Location: Ludington, easterly shore of Pere Marquette Lake approximately 1.2 miles east of Municipal Marina.		Datum: LWD
Operator: Dow Chemical U.S.A.		
Owner: Dow Chemical U.S.A.		
Address: 1600 S. Madison Street.		Phone: 616-845-4406
Town: Ludington	State: MI	County: Mason
Railway Connection: None.		
Purpose: Shipment of liquid calcium chloride; Mooring vessels. (See Remarks).		
Depth Alongside (feet): 28		Latitude (decimal): 43.938889
Total Berthing Space (feet): 550		Longitude (decimal): -86.43972

Waterway: Pere Marquette Lake	Mile:	PWD: 132
Name: Dow Chemical U.S.A., Ludington Plant East Wharf.		
Port: Lake Michigan		
Location: Ludington, easterly shore of Pere Marquette Lake approximately 1.2 miles east of Municipal Marina.		Datum: LWD
Operator: Dow Chemical U.S.A.		
Owner: Dow Chemical U.S.A.		
Address: 1600 S. Madison Street.		Phone: 616-845-4406
Town: Ludington	State: MI	County: Mason
Railway Connection: None.		
Purpose: Shipment of liquid calcium chloride; Mooring vessels. (See Remarks).		
Depth Alongside (feet): 28		Latitude (decimal): 43.938889
Total Berthing Space (feet): 550		Longitude (decimal): -86.43972

Remarks: One 6-inch pipeline extends to wharf from 3 calcium chloride storage tanks, total capacity 2,180,000 gallons. At time of survey (1993) one 6-inch, fuel oil pipeline extending from wharf to one 119,050-barrel sto blanked. Approximately 1,500 feet of berthing space along natural bank located east of wharf is available as required for mooring vessels.

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77535	Detroit District
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Remarks: One 6-inch pipeline extends to wharf from 3 calcium chloride storage tanks, total capacity 2,180,000 gallons. At time of survey (1993) one 6-inch, fuel oil pipeline extending from wharf to one 119,050-barrel sto blanked. Approximately 1,500 feet of berthing space along natural bank located east of wharf is available as required for mooring vessels.

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77535	Detroit District
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Port Facilities by Waterway

Waterway: Pere Marquette Lake	Mile:	PWD: 132
Name: Dow Chemical U.S.A., Ludington Plant East Wharf.		
Port: Lake Michigan		
Location: Ludington, easterly shore of Pere Marquette Lake approximately 1.2 miles east of Municipal Marina.		Datum: LWD
Operator: Dow Chemical U.S.A.		
Owner: Dow Chemical U.S.A.		
Address: 1600 S. Madison Street.		Phone: 616-845-4406
Town: Ludington	State: MI	County: Mason
Railway Connection: None.		
Purpose: Shipment of liquid calcium chloride; Mooring vessels. (See Remarks).		
Depth Alongside (feet): 28		Latitude (decimal): 43.938889
Total Berthing Space (feet): 550		Longitude (decimal): -86.43972

Waterway: Pere Marquette Lake	Mile:	PWD: 132
Name: Dow Chemical U.S.A., Ludington Plant East Wharf.		
Port: Lake Michigan		
Location: Ludington, easterly shore of Pere Marquette Lake approximately 1.2 miles east of Municipal Marina.		Datum: LWD
Operator: Dow Chemical U.S.A.		
Owner: Dow Chemical U.S.A.		
Address: 1600 S. Madison Street.		Phone: 616-845-4406
Town: Ludington	State: MI	County: Mason
Railway Connection: None.		
Purpose: Shipment of liquid calcium chloride; Mooring vessels. (See Remarks).		
Depth Alongside (feet): 28		Latitude (decimal): 43.938889
Total Berthing Space (feet): 550		Longitude (decimal): -86.43972

Remarks: One 6-inch pipeline extends to wharf from 3 calcium chloride storage tanks, total capacity 2,180,000 gallons. At time of survey (1993) one 6-inch, fuel oil pipeline extending from wharf to one 119,050-barrel sto blanked. Approximately 1,500 feet of berthing space along natural bank located east of wharf is available as required for mooring vessels.

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77535	Detroit District
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Remarks: One 6-inch pipeline extends to wharf from 3 calcium chloride storage tanks, total capacity 2,180,000 gallons. At time of survey (1993) one 6-inch, fuel oil pipeline extending from wharf to one 119,050-barrel sto blanked. Approximately 1,500 feet of berthing space along natural bank located east of wharf is available as required for mooring vessels.

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77535	Detroit District
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Port Facilities by Waterway

Waterway: Pere Marquette Lake	Mile:	PWD: 131
Name: Dow Chemical U.S.A., Ludington Plant West Wharf.		
Port: Lake Michigan		
Location: Ludington, easterly shore of Pere Marquette Lake approximately one mile east of Municipal Marina.		Datum: LWD
Operator: Dow Chemical U.S.A.		
Owner: Dow Chemical U.S.A.		
Address: 1600 S. Madison Street.		Phone: 616/845-4558
Town: Ludington	State: MI	County: Mason
Railway Connection: None.		
Purpose: Receipt of limestone by self-unloading vessel.		
Depth Alongside (feet): 27 - 23		Latitude (decimal): 43.941111
Total Berthing Space (feet): 1,367		Longitude (decimal): -86.43361

Waterway: Pere Marquette Lake	Mile:	PWD: 131
Name: Dow Chemical U.S.A., Ludington Plant West Wharf.		
Port: Lake Michigan		
Location: Ludington, easterly shore of Pere Marquette Lake approximately one mile east of Municipal Marina.		Datum: LWD
Operator: Dow Chemical U.S.A.		
Owner: Dow Chemical U.S.A.		
Address: 1600 S. Madison Street.		Phone: 616/845-4558
Town: Ludington	State: MI	County: Mason
Railway Connection: None.		
Purpose: Receipt of limestone by self-unloading vessel.		
Depth Alongside (feet): 27 - 23		Latitude (decimal): 43.941111
Total Berthing Space (feet): 1,367		Longitude (decimal): -86.43361

Remarks: Open storage at rear of face has capacity for 500,000 tons of limestone.□□

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77535	Detroit District
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Remarks: Open storage at rear of face has capacity for 500,000 tons of limestone.□□

Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77535	Detroit District
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Port Facilities by Waterway

Waterway:	Pere Marquette Lake	Mile:	PWD: 131
Name:	Dow Chemical U.S.A., Ludington Plant West Wharf.		
Port:	Lake Michigan		
Location:	Ludington, easterly shore of Pere Marquette Lake approximately one mile east of Municipal Marina.	Datum:	LWD
Operator:	Dow Chemical U.S.A.		
Owner:	Dow Chemical U.S.A.		
Address:	1600 S. Madison Street.	Phone:	616/845-4558
Town:	Ludington	State:	MI
		County:	Mason
Railway Connection:	None.		
Purpose:	Receipt of limestone by self-unloading vessel.		
Depth Alongside (feet):	27 - 23	Latitude (decimal):	43.941111
Total Berthing Space (feet):	1,367	Longitude (decimal):	-86.43361
Waterway:	Pere Marquette Lake	Mile:	PWD: 131
Name:	Dow Chemical U.S.A., Ludington Plant West Wharf.		
Port:	Lake Michigan		
Location:	Ludington, easterly shore of Pere Marquette Lake approximately one mile east of Municipal Marina.	Datum:	LWD
Operator:	Dow Chemical U.S.A.		
Owner:	Dow Chemical U.S.A.		
Address:	1600 S. Madison Street.	Phone:	616/845-4558
Town:	Ludington	State:	MI
		County:	Mason
Railway Connection:	None.		
Purpose:	Receipt of limestone by self-unloading vessel.		
Depth Alongside (feet):	27 - 23	Latitude (decimal):	43.941111
Total Berthing Space (feet):	1,367	Longitude (decimal):	-86.43361
Remarks:	Open storage at rear of face has capacity for 500,000 tons of limestone.□□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engrs Waterway Code:	77535	Detroit District	
Remarks:	Open storage at rear of face has capacity for 500,000 tons of limestone.□□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engrs Waterway Code:	77535	Detroit District	
Waterway:	Pere Marquette Lake	Mile:	PWD: 127
Name:	L & S Enterprises Wharf.		
Port:	Lake Michigan		
Location:	Ludington, North shore of Pere Marquette Lake approximately 1,000 feet east of the Municipal Marina entr	Datum:	LWD
Operator:	L & S Enterprises, Inc.		
Owner:	CSX Transportation, Inc.		
Address:		Phone:	616-845-5164
Town:	Ludington	State:	MI
		County:	Mason
Railway Connection:	None.		
Purpose:	Receipt of sand, stone and aggregates by self-unloading vessel (See Remarks).		
Depth Alongside (feet):	23	Latitude (decimal):	43.951111
Total Berthing Space (feet):	600	Longitude (decimal):	-86.45222
Remarks:	Open storage area in rear for approximately 45,000 tons of stone.□□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engrs Waterway Code:	77535	Detroit District	

Port Facilities by Waterway

Waterway: **Pere Marquette Lake** Mile: PWD: 129
 Name: **Lake Michigan Carferry Service, Ludington Carferry Wharf.**
 Port: Lake Michigan
 Location: Ludington, North shore of Pere Marquette Lake approximately 0.5 mile east of the Municipal Marina entra Datum: LWD
 Operator: Lake Michigan Carferry Service, Inc.
 Owner: Lake Michigan Carferry Service, Inc.
 Address: Phone: 800/542-4600
 Town: Ludington State: MI County: Mason
 Railway Connection: None.
 Purpose: Mooring idle car ferries.
 Depth Alongside (feet): 20 | | Latitude (decimal): 43.947222
 Total Berthing Space (feet): 450 | | Longitude (decimal): -86.45028
 Remarks: -□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77535 Detroit District

Waterway: **Pere Marquette Lake** Mile: PWD: 128
 Name: **Lake Michigan Carferry Service, Ludington Slip.**
 Port: Lake Michigan
 Location: Ludington, North shore of Pere Marquette Lake approximately 1,700 feet east of the Municipal Marina entr Datum: LWD
 Operator: Lake Michigan Carferry Service, Inc.
 Owner: Lake Michigan Carferry Service, Inc.
 Address: Phone: 800/542-4600
 Town: Ludington State: MI County: Mason
 Railway Connection: None.
 Purpose: Transfer of passengers and automobiles to and from car ferries.
 Depth Alongside (feet): 30 | | Latitude (decimal): 43.948889
 Total Berthing Space (feet): 250 | | Longitude (decimal): -86.45111
 Remarks: Slip is used by car ferries operating to Manitowoc, WI (Ref. No. 42)□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77535 Detroit District

Waterway: **Pere Marquette Lake** Mile: PWD: 130
 Name: **Ludington City Dock.**
 Port: Lake Michigan
 Location: Ludington, north side of inlet located on easterly shore of Pere Marquette Lake approximately 0.75 mile Datum: LWD
 Operator: Mohawk Transport, Inc.
 Owner: City of Ludington.
 Address: Lake Street Phone: 616/856-7615
 Town: Ludington State: MI County: Mason
 Railway Connection: None.
 Purpose: Receipt of agricultural limestone by self-unloading vessel.
 Depth Alongside (feet): 18 | | Latitude (decimal): 43.9475
 Total Berthing Space (feet): 500 | | Longitude (decimal): -86.44111
 Remarks: Open storage area at rear has capacity for 20,000 tons of stone.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77535 Detroit District

Port Facilities by Waterway

Waterway: **Pere Marquette Lake** Mile: PWD: 133
 Name: **Sand Products Corp., Ludington Dock.**
 Port: Lake Michigan
 Location: Ludington, westerly shore of Pere Marquette Lake, approximately 1.3 miles south of the entrance channel. Datum: LWD
 Operator: Sand Products Corp.
 Owner: Dow Chemical U.S.A.
 Address: Phone: 616-845-5222
 Town: Ludington State: MI County: Mason
 Railway Connection: None.
 Purpose: Shipment of sand.
 Depth Alongside (feet): 27 | | Latitude (decimal): 43.936389
 Total Berthing Space (feet): 750 | | Longitude (decimal): -86.44722
 Remarks: Open storage area at rear has capacity for 24,500 tons.□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77535 Detroit District

Waterway: **Pere Marquette Lake** Mile: PWD: 126
 Name: **U.S. Coast Guard, Ludington Wharf.**
 Port: Lake Michigan
 Location: Ludington, North side of entrance to Pere Marquette Lake. Datum: LWD
 Operator: U.S. Coast Guard.
 Owner: U.S. Government.
 Address: South Lake Shore Drive Phone: 616/843-4768
 Town: Ludington State: MI County: Mason
 Railway Connection: None.
 Purpose: Mooring government vessels.
 Depth Alongside (feet): 14 - 17 | 14 - 17 | Latitude (decimal): 43.952778
 Total Berthing Space (feet): - | 54 | Longitude (decimal): -86.45917
 Remarks: One 1 1/2-inch diesel fueling pipeline extends to wharf from 2 steel storagetanks, total capacity 2,000 gallons□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77535 Detroit District

Port Facilities by Waterway

Waterway: **River Raisin** Mile: 0.3 PWD: 80

Name: **Detroit Edison Co., Monroe Power Plant Wharf.**

Port: Monroe

Location: Right bank, River Raisin, approximately 400 feet above mouth, Monroe. Datum: LWD

Operator: The Detroit Edison Co.

Owner: The Detroit Edison Co.

Address: 3500 East Front Street. Phone: 313/289-0710

Town: Monroe State: MI County: Monroe

Railway Connection: Two surface tracks with capacity for 140 cars serve car dumper; connect with Grand Trunk Western Railroad and Consolidated Rail Corp.

Purpose: Receipt of coal by self-unloading vessel for plant consumption.

Depth Alongside (feet): 21 | | Latitude (decimal): 41.8925

Total Berthing Space (feet): 1,550 | | Longitude (decimal): -83.34

Remarks: Open storage area at rear has capacity for 2,018,000 tons of coal. Two belt-conveyor systems extend from recovery tunnel under storage area to plant. □

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 72007 Detroit District

Waterway: **River Raisin** Mile: 0.8 PWD: 79

Name: **Holnam, Monroe Dock**

Port: Monroe

Location: Right bank, River Raisin, approximately 0.4 mile below Turning Basin, Monroe. Datum: LWD

Operator: Holnam, Inc.

Owner: Holnam, Inc.

Address: Foot of McMillan Street Phone: 313/529-2411 ex

Town: Monroe State: MI County: Monroe

Railway Connection: None.

Purpose: Receipt of petroleum coke by self-unloading vessel.

Depth Alongside (feet): 12 - 20 | | Latitude (decimal): 41.896667

Total Berthing Space (feet): 700 | | Longitude (decimal): -83.35028

Remarks: Mutual mooring agreement with Detroit Bulk Materials (Ref. No. 78) provides upper portion of berthing space. Approximately 8 acres of open storage area with capacity for 40,000 tons of petroleum coke is located

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 72007 Detroit District

Port Facilities by Waterway

Waterway: **River Raisin** Mile: 1.0 PWD: 78

Name: **Detroit Bulk Materials, Port of Monroe Bulk Cargo Dock.**

Port: Monroe

Location: Right bank, River Raisin, approximately 500 feet below Turning Basin, Monroe. Datum: LWD

Operator: Detroit Bulk Materials.

Owner: Monroe Port Commission

Address: Foot of Port Avenue. Phone: 313/841-7470

Town: Monroe State: MI County: Monroe

Railway Connection: None.

Purpose: Receipt of logs by barge; occasional receipt of miscellaneous dry bulk commodities by self-unloading vessel, including coal, and of conventional general cargo, including lumber and steel products.

Depth Alongside (feet): 12 - 21 | | Latitude (decimal): 41.898611

Total Berthing Space (feet): 1,547 | | Longitude (decimal): -83.355

Remarks: Approximately 16 acres of open storage area is located at rear.□□

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 72007 Detroit District

Waterway: **River Raisin** Mile: 1.4 PWD: 77

Name: **Port of Monroe General Cargo Wharf.**

Port: Monroe

Location: Right bank, River Raisin, east side of Turning Basin, Monroe. Datum: LWD

Operator: Monroe Port Commission

Owner: Monroe Port Commission

Address: 2929 East Front Street Phone: 313/241-6480

Town: Monroe State: MI County: Monroe

Railway Connection: One surface track in rear joins 2 surface tracks serving 20-car-capacity, tank-car-unloading racks at asphalt terminal; connect with Grand Trunk Western Railroad and Consolidated Rail Corp.

Purpose: Receipt of asphalt. (See Remarks)

Depth Alongside (feet): 18 | | Latitude (decimal): 41.899167

Total Berthing Space (feet): 1,060 | | Longitude (decimal): -83.35861

Remarks: Wharf is available for handling conventional general cargo. At time of survey (1995), plans called for receipt of scrap tires by barge. One 300- by 100-, and one 220- by 80-foot warehouses, both with concrete floor height inside, are located on apron. Approximately 2 acres of open storage area is located at rear. One 10-inch, asphalt pipeline extends from wharf to 5 steel storage tanks, total capacity 166,000 barrels, loopposite side of Port Avenue, in the Thompson-McCully Oil Co. terminal at 3125 East Front Street.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 72007 Detroit District

Port Facilities by Waterway

Waterway: **River Raisin** Mile: 1.5 PWD: 76
 Name: **The King Co., Port of Monroe South Wharf.**
 Port: Monroe
 Location: Right bank, River Raisin, south side of Turning Basin, Monroe. Datum: LWD
 Operator: The King Co., Inc.
 Owner: Monroe Port Commission.
 Address: 2929 East Front Street Phone: 313/241-6480
 Town: Monroe State: MI County: Monroe
 Railway Connection: One surface track in rear; connects with Grand Trunk Western Railroad and Consolidated Rail Corp.
 Purpose: Mooring company-owned floating equipment.
 Depth Alongside (feet): 18 | | Latitude (decimal): 41.898056
 Total Berthing Space (feet): 460 | | Longitude (decimal): -83.36111
 Remarks: Bulkhead is contiguous with Port of Monroe General Cargo Wharf (Ref. No. 77). □ □
 Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 72007 Detroit District

Waterway: **Rouge River** Mile: 0.6 PWD: 62
 Name: **Michigan Marine Terminal Wharf.**
 Port: Detroit
 Location: Right bank, Rouge River, above conjunction with Short Cut Canal, River Rouge. Datum: LWD
 Operator: Michigan Marine Terminal.
 Owner: Michigan Marine Terminal.
 Address: 225 Marion Avenue Phone: 313/841-6100
 Town: River Rouge State: MI County: Wayne
 Railway Connection: Three surface tracks serving 10-car-capacity, tank-car-loading racks at terminal in rear; connect with Consolidated Rail Corp.
 Purpose: Receipt and shipment of asphalt, coal tar, and petroleum products.
 Depth Alongside (feet): 22 | | Latitude (decimal): 42.278889
 Total Berthing Space (feet): 700 | | Longitude (decimal): -83.12
 Remarks: At time of survey (1993), plans called for fronting wharf with a row of timber breasting dolphins. Mooring agreement with Amoco Oil Co. (Ref. No. 61) provides upper portion of berthing space. Six pipelines, inc 6-inch pipeline for petroleum products, extend to wharf from storage tanks at terminal in rear:

□(inches)	□	Tanks	Units	Size	No.	Capacity
Asphalt) 6	Asphalt) 7	356,000 bbl.	□ 8	Petroleum		
Petroleum) 2	60,000 bbl.	6	Petroleum 1	96,000 bbl.	□ 6	Coal Tar
2 7,476,000 gal.						

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: **Rouge River** Mile: 0.7 PWD: 61

Name: **Amoco Oil Co., River Rouge Terminal Wharf.**

Port: Detroit

Location: Right bank, Rouge River, approximately 1,500 feet below West Jefferson Avenue Datum: LWD
Bridge, River Rouge.

Operator: Amoco Oil Co.

Owner: Amoco Oil Co.

Address: 205 Marion Avenue Phone: 313/842-2114

Town: River Rouge State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt and shipment of petroleum products; shipment of slops by barge.

Depth Alongside (feet): 20 | | Latitude (decimal): 42.279167

Total Berthing Space (feet): 1,000 | | Longitude (decimal): -83.1225

Remarks: Two 12- becoming four 6-inch, and one 10- becoming two 6-inch pipelines extend to wharf from 12 steel storage tanks at terminal in rear, total capacity 800,000 barrels. The 10-inch pipeline also extends from one storage tank.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73012 Detroit District

Waterway: **Rouge River** Mile: 0.9 PWD: 38

Name: **Detroit Marine Terminals, Rouge River Wharf.**

Port: Detroit

Location: Left bank, Rouge River, between entrance to Old Channel and West Jefferson Avenue Bridge, Detroit. Datum: LWD

Operator: Not operated.

Owner: Detroit Marine Terminals, Inc.

Address: 9401 West Jefferson Avenue. Phone: 313/843-7575

Town: Detroit State: MI County: Wayne

Railway Connection: Three surface tracks along face, total length 3,600 feet, join with additional trackage in open storage area in rear; connect with Consolidated Rail Corp.

Purpose: Not used.

Depth Alongside (feet): 22 - 24 | 22 | Latitude (decimal): 42.280556

Total Berthing Space (feet): 1,300 | 1,000 | Longitude (decimal): -83.12528

Remarks: Wharf formerly was used for receipt and shipment of conventional and containerized general cargo and miscellaneous dry bulk commodities. Natural bank formerly was used for receipt of dry bulk commodities by self vessel. Sheds Nos. 1, 2, and 3 are adjacent and divided by partitions into parts of 18,200, 20,400, and 26,400 square feet, respectively. Canopies Nos. 1 and 2 are adjacent to sheds and cover 10,765 and 6,600 square feet respectively. Approximately 32 acres of open storage area are located at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: **Rouge River** Mile: 0.9 PWD: 60
 Name: **Marblehead Lime Co., River Rouge Dock.**
 Port: Detroit
 Location: Right bank, Rouge River, below West Jefferson Avenue Bridge, River Rouge. Datum: LWD
 Operator: Marblehead Lime Co., a division of Calcitherm Nederland N.V.
 Owner: Marblehead Lime Co., a division of Calcitherm Nederland N.V.
 Address: 25 Marion Avenue. Phone: 313/841-4750
 Town: River Rouge State: MI County: Wayne
 Railway Connection: Three surface tracks serving plant in rear; connect with Consolidated Rail Corp.
 Purpose: Receipt of limestone and coal by self-unloading vessel.
 Depth Alongside (feet): 25 | | Latitude (decimal): 42.279722
 Total Berthing Space (feet): 1,280 | | Longitude (decimal): -83.12639
 Remarks: Open storage area at rear has capacity for 400,000 tons of limestone and 28,000 tons of coal. A ground-level hopper in storage area serves a 36-inch, electric, belt conveyor extending through a recovery tunnel t plant in rear; rate 800 tons per hour.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73012 Detroit District

Waterway: **Rouge River** Mile: 1.1 PWD: 39
 Name: **Jefferson Marine Terminal, Jefferson Avenue Bridge Dock.**
 Port: Detroit
 Location: Left bank, Rouge River, approximately 200 feet above West Jefferson Avenue Datum: LWD
 Bridge, Detroit.
 Operator: Jefferson Marine Terminal, Division of Edward C. Levy Co.
 Owner: Angelo Baiardi and John Diangelo.
 Address: 9690 West Jefferson Avenue. Phone: 313/849-9243
 Town: Detroit State: MI County: Wayne
 Railway Connection: None.
 Purpose: Receipt of limestone by self-unloading vessel.
 Depth Alongside (feet): 21 | | Latitude (decimal): 42.281389
 Total Berthing Space (feet): 735 | | Longitude (decimal): -83.12944
 Remarks: Mutual mooring agreement with Detroit Bulk Storage (Ref. No. 40) provides upper portion of berthing space. Partly concrete-paved, open storage area with capacity for 25,000 tons of limestone is located at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: **Rouge River** Mile: 1.2 PWD: 40

Name: **Detroit Bulk Storage, Rouge River Dock.**

Port: Detroit

Location: Left bank, Rouge River, approximately 500 feet above West Jefferson Avenue Bridge, Detroit. Datum: LWD

Operator: Detroit Bulk Storage.

Owner: Angelo Baiardi and John Diangelo.

Address: 9690 West Jefferson Avenue. Phone: 313/841-7470

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt of limestone by self-unloading vessel.

Depth Alongside (feet): 15 | | Latitude (decimal): 42.281667

Total Berthing Space (feet): 475 | | Longitude (decimal): -83.13056

Remarks: Mutual mooring agreement with Jefferson Marine Terminal (Ref. No. 39) provides lower portion of berthing space. Open storage area with capacity for 50,000 tons of limestone is located at rear. International Mat screening plant at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73012 Detroit District

Waterway: **Rouge River** Mile: 1.2 PWD: 59

Name: **United States Gypsum Co., River Rouge Wharf.**

Port: Detroit

Location: Right bank, Rouge River, above West Jefferson Avenue Bridge, River Rouge. Datum: LWD

Operator: United States Gypsum Co.

Owner: United States Gypsum Co.

Address: 2 Division Street Phone: 313/842-4455 ex

Town: River Rouge State: MI County: Wayne

Railway Connection: Plant trackage in rear; connects with Consolidated Rail Corp.

Purpose: Receipt of gypsum rock by self-unloading vessel.

Depth Alongside (feet): 21 | 21 | Latitude (decimal): 42.281111

Total Berthing Space (feet): 405 | 500 | Longitude (decimal): -83.13194

Remarks: Gypsum rock is stored in 3 concrete storage silos at rear of wharf, total capacity 90,000 tons, and in open storage area between wharf and West Jefferson Avenue Bridge, at rear of natural bank, capacity 85,000 to

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: **Rouge River** Mile: 1.3 PWD: 58

Name: **Detroit Bulk Dock, River Rouge Dock.**

Port: Detroit

Location: Right bank, Rouge River, below Consolidated Rail Corp. bridge, River Rouge. Datum: LWD

Operator: Detroit Bulk Dock, Inc.

Owner: Dale Osburn.

Address: 126 West Pleasant Avenue Phone: 313/843-5038

Town: River Rouge State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt of miscellaneous dry bulk commodities by self-unloading vessel, including limestone, sand, and salt.

Depth Alongside (feet): 17 - 20 | | Latitude (decimal): 42.281667

Total Berthing Space (feet): 730 | | Longitude (decimal): -83.13417

Remarks: Eleven acres of open storage area is located at rear.□□

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Waterway: **Rouge River** Mile: 1.4 PWD: 41

Name: **Marblehead Lime Co., Detroit Wharf.**

Port: Detroit

Location: Left bank, Rouge River, below Consolidated Rail Corp. bridge, Detroit. Datum: LWD

Operator: Edward C. Levy Co.

Owner: Marblehead Lime Co., a division of Calcitherm Nederland N.V.

Address: 9785 Brennan Street Phone: 313/841-4750

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt of limestone by self-unloading vessel.

Depth Alongside (feet): 19 - 21 | | Latitude (decimal): 42.282778

Total Berthing Space (feet): 900 | | Longitude (decimal): -83.13389

Remarks: Edward C. Levy Co.: Stores up to 45,000 tons of limestone on the apron of the upper portion of the wharf. Marblehead Lime Co. stores up to 55,000 tons of limestone in open storage area at the rear of the lower p crushing plant and unused hydrated lime plant at the rear of the upper portion.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: **Rouge River** Mile: 1.6 PWD: 57

Name: **Specialty Minerals, Rouge River Dock.**

Port: Detroit

Location: Right bank, Rouge River, approximately 1,000 feet below Fisher Freeway (Interstate Highway 75) Bridge, D Datum: LWD

Operator: Detroit Bulk Dock, Inc.

Owner: Specialty Minerals, Inc.

Address: 625 South Deacon Street Phone: 419/878-3400

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt of limestone by self-unloading vessel.

Depth Alongside (feet): 18 - 20 | | Latitude (decimal): 42.283333

Total Berthing Space (feet): 654 | | Longitude (decimal): -83.13833

Remarks: Open storage area at rear has capacity for 100,000 tons of limestone.□□

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73012 Detroit District

Waterway: **Rouge River** Mile: 1.6 PWD: 42

Name: **St. Marys Cement Co., Detroit Plant Wharf.**

Port: Detroit

Location: Left bank, Rouge River, above Consolidated Rail Corp. bridge, Detroit. Datum: LWD

Operator: St. Marys Cement Co.

Owner: St. Marys Cement Co.

Address: 9333 Dearborn Street. Phone: 313/849-4502

Town: Detroit State: MI County: Wayne

Railway Connection: One surface track serving car-loading spouts at silos joins plant trackage in rear; connects with Consolidated Rail Corp.

Purpose: Receipt of limestone, gypsum rock, slag, cement clinker, and coal by self-unloading vessel; shipment of cement by barge.

Depth Alongside (feet): 19 - 21 | 21 | 21 Latitude (decimal): 42.284167

Total Berthing Space (feet): 450 | 700 | Longitude (decimal): -83.13722

Remarks: Open storage area on relieving platform has capacity for 200,000 tons of limestone, slag, and gypsum rock. Two bulk storage buildings, covering approximately 145,000 square feet of relieving platform, have a tot for 120,000 tons of cement clinker. Open storage area at rear of lower portion has capacity for 55,000 tons of coal or gypsum rock. A 30-inch, electric, belt-conveyor system extends from recovery tunnels in storageplant at rear, rate 400 tons per hour. Plant has 15 storage silos with 6 interstitial bins having a total capacity for 60,000 tons of cement.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: **Rouge River** Mile: 1.7 PWD: 56
 Name: **Shell Oil Co., Rouge River Wharf.**
 Port: Detroit
 Location: Right bank, Rouge River, approximately 400 feet below Fisher Freeway (Interstate Highway 75) Bridge, Det Datum: LWD
 Operator: Shell Oil Co.
 Owner: Shell Oil Co.
 Address: 700 South Deacon Street. Phone: 313/554-8800
 Town: Detroit State: MI County: Wayne
 Railway Connection: None.
 Purpose: Occasional receipt and shipment of petroleum products.
 Depth Alongside (feet): 19 | | Latitude (decimal): 42.285
 Total Berthing Space (feet): 492 | | Longitude (decimal): -83.13917
 Remarks: Three pipelines extend from wharf to 5 steel storage tanks at plant in rear, including two 10-inch to 4 tanks, total capacity 350,000 barrels, and one 8-inch to one 110,000-barrel tank.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73012 Detroit District

Waterway: **Rouge River** Mile: 1.9 PWD: 43
 Name: **Harridon Terminal Wharf.**
 Port: Detroit
 Location: Left bank, Rouge River, above Norfolk Southern Railway bridge, Detroit. Datum: LWD
 Operator: Harridon Terminal, Inc.
 Owner: Harridon Terminal, Inc.
 Address: 123 Crown Street. Phone: 313/841-7880
 Town: Detroit State: MI County: Wayne
 Railway Connection: One surface track at rear of apron; connects with Consolidated Rail Corp.
 Purpose: Receipt of limestone by self-unloading vessel; shipment of scrap metal by barge.
 Depth Alongside (feet): 21 | | Latitude (decimal): 42.288889
 Total Berthing Space (feet): 792 | | Longitude (decimal): -83.14028
 Remarks: Approximately 15 acres of open storage area and an 8,000-square-foot building used as a warehouse is located at rear. At time of survey (1993), Morton Salt (Ref. No. 44) used warehouse for storing bagged salt.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: **Rouge River** Mile: 1.9 PWD: 55

Name: **Trumbull Asphalt Co., Detroit Plant Wharf.**

Port: Detroit

Location: Right bank, Rouge River, approximately 500 feet above Norfolk Southern Railway bridge, Detroit. Datum: LWD

Operator: Trumbull Asphalt Co., a division of Owens-Corning Fiberglas Corp.

Owner: Trumbull Asphalt Co., a division of Owens-Corning Fiberglas Corp.

Address: 12460 Stocker Road Phone: 313/843-4640

Town: Detroit State: MI County: Wayne

Railway Connection: One surface track serves unloading rack at plant in rear; connects with Norfolk Southern Railway.

Purpose: Receipt of asphalt.

Depth Alongside (feet): 20 | | Latitude (decimal): 42.288333

Total Berthing Space (feet): 500 | | Longitude (decimal): -83.14139

Remarks: One 10-inch, steam-traced, pipeline extends from wharf to 9 steel storage tanks at plant in rear, total capacity 131,000 barrels.□

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73012 Detroit District

Waterway: **Rouge River** Mile: 2.0 PWD: 54

Name: **Marathon Petroleum Co., River Rouge Terminal Wharf.**

Port: Detroit

Location: Right bank, Rouge River, approximately 500 feet below West Fort Street Bridge, Detroit. Datum: LWD

Operator: Marathon Petroleum Co., a subsidiary of USX Corp.

Owner: Marathon Petroleum Co., a subsidiary of USX Corp.

Address: 301 South Fort Street Phone: 313/843-9100 ex

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Shipment of asphalt.

Depth Alongside (feet): 20 - 23 | | Latitude (decimal): 42.289722

Total Berthing Space (feet): 415 | | Longitude (decimal): -83.14222

Remarks: One 10-inch, electric-traced pipeline extends to wharf from 7 storage tanks at asphalt plant in rear, total capacity 900,000 barrels.□

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: **Rouge River** Mile: 2.0 PWD: 44

Name: **Morton Salt, Detroit Wharf.**

Port: Detroit

Location: Left bank, Rouge River, below West Fort Street Bridge, Detroit. Datum: LWD

Operator: Morton International, Inc., Morton Salt Group.

Owner: Morton International, Inc., Morton Salt Group.

Address: 10335 Flora Street Phone: 313/843-3497

Town: Detroit State: MI County: Wayne

Railway Connection: One surface track along lower side of warehouse; connects with Consolidated Rail Corp.

Purpose: Receipt of bulk salt by barge and, occasionally, by self-unloading vessel.

Depth Alongside (feet): 12 | | Latitude (decimal): 42.29

Total Berthing Space (feet): 700 | - | - Longitude (decimal): -83.14111

Remarks: Wharf, 390 feet of revetted natural bank between wharf and West Fort Street Bridge, and mooring agreement with Harridon Terminal, Inc. (Ref. No. 43) provide berthing space. Self-unloading vessel and conveyor sys bulk salt into a 63,000-ton-capacity, asphalt-paved, open storage area located at rear of bank. Four concrete, salt storage silos, total capacity 8,000 tons, and one 100- by 70-foot building, used as a bagging plant located at rear. At time of survey (1993), operator also used warehouse described under Harridon Terminal, Inc. for storing bagged salt.

Port Series: 45 Year of Last Survey: 1996 Corps of Eng'rs Waterway Code: 73012 Detroit District

Waterway: **Rouge River** Mile: 2.3 PWD: 53

Name: **Gaelic Tugboat Co. Wharf.**

Port: Detroit

Location: Right bank, Rouge River, approximately 600 feet above West Fort Street Bridge, Detroit. Datum: LWD

Operator: Gaelic Tugboat Co.

Owner: William Hoey.

Address: 13000 Denmark Avenue Phone: 313/841-9440

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Mooring company-owned floating equipment; seasonal mooring of excursion vessels.

Depth Alongside (feet): 8 - 16 | | Latitude (decimal): 42.292778

Total Berthing Space (feet): 400 | | Longitude (decimal): -83.14444

Remarks: Blue Water Explorations Ltd, d.b.a. Diamond Jack's River Tours, moors excursion vessels 'Diamond Belle' and 'Diamond Jack' at wharf in winter. Building used as office is located at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Eng'rs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway:	Rouge River		Mile: 2.3	PWD: 45
Name:	Waterfront Petroleum, Rouge River Wharf.			
Port:	Detroit			
Location:	Left bank, Rouge River, approximately 1,000 feet above West Fort Street Bridge, Dearborn.		Datum: LWD	
Operator:	Waterfront Petroleum.			
Owner:	Waterfront Petroleum.			
Address:	1075 Miller Road		Phone: 313/842-1432	
Town:	Dearborn	State: MI	County: Wayne	
Railway Connection:	None.			
Purpose:	Receipt and shipment of petroleum products; loading tank barges 'Marysville' and 'LSC-236' for bunkering vessels at berth in harbor; fueling tugboats.			
Depth Alongside (feet):	12		Latitude (decimal):	42.293889
Total Berthing Space (feet):	250		Longitude (decimal):	-83.14444
Remarks:	Two 8- becoming one 6-inch pipeline and one 4-inch, metered pipeline extend to wharf from three steel storage tanks at rear, total capacity 30,000 barrels.□			
Port Series: 45	Year of Last Survey: 1996	Corps of Engrns Waterway Code: 73012	Detroit District	

Waterway:	Rouge River			Mile: 2.4	PWD: 52
Name:	Faust Corp. Wharf.				
Port:	Detroit				
Location:	Right bank, Rouge River, on lower end of Fordson Island, approximately 1,200 feet above West Fort Street				Datum: LWD
Operator:	Faust Corp.				
Owner:	Robert Francour trust.				
Address:	Riverside Drive.			Phone: 313/842-3655	
Town:	Dearborn		State: MI	County: Wayne	
Railway Connection:	None.				
Purpose:	Handling construction supplies and equipment; mooring company-owned floating equipment.				
Depth Alongside (feet):	6		6		Latitude (decimal): 42.293333
Total Berthing Space (feet):	140		128		Longitude (decimal): -83.14583
Remarks:	Approximately 2 acres of open storage area is located at rear.□□				
Port Series: 45	Year of Last Survey: 1996	Corps of Engrns Waterway Code: 73012			Detroit District

Port Facilities by Waterway

Waterway: **Rouge River** Mile: 2.5 PWD: 51

Name: **Marathon Petroleum Co., Fordson Island Terminal Wharf.**

Port: Detroit

Location: Right bank, Rouge River, on Fordson Island, approximately 1,500 feet above West Fort Street Bridge, Dear Datum: LWD

Operator: Marathon Petroleum Co., a subsidiary of USX Corp.

Owner: Marathon Petroleum Co., a subsidiary of USX Corp.

Address: Riverside Drive. Phone: 313/843-9100 ex

Town: Dearborn State: MI County: Wayne

Railway Connection: None.

Purpose: Shipment of petroleum products by barge.

Depth Alongside (feet): 20 - 21 | | Latitude (decimal): 42.293889

Total Berthing Space (feet): 350 | | Longitude (decimal): -83.14694

Remarks: One 12- and one 10-inch pipelines extend to wharf from 22 storage tanks at refinery located at 1300 South Fort Street, total capacity 1,800,000 barrels. One 6-inch pipeline extends from wharf to 3 ballast storag total capacity 901,320 gallons, all unused at time of survey (1993). One 3 1/2-inch pipeline used for flushing other lines extends to wharf from truck-unloading station at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Waterway: **Rouge River** Mile: 2.7 PWD: 50

Name: **Detroit Lime Co. Wharf.**

Port: Detroit

Location: Right bank, Rouge River, below Dix Avenue Bridge, Detroit. Datum: LWD

Operator: Detroit Lime Co., one of the Global Stone Corp. Cos.

Owner: Detroit Lime Co., one of the Global Stone Corp. Cos.

Address: 125 South Dix Avenue Phone: 313/849-9268 ex

Town: Detroit State: MI County: Wayne

Railway Connection: None.

Purpose: Receipt of limestone and occasional receipt of coal by self-unloading vessel.

Depth Alongside (feet): 21 | | Latitude (decimal): 42.295556

Total Berthing Space (feet): 800 | | Longitude (decimal): -83.15028

Remarks: Open storage area in rear has capacity for 350,000 tons of limestone or coal. Twelve concrete storage silos and two steel truckloading tanks are located on wharf, with total capacity for 8,700 tons of lime. Lim

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.	Datum: LWD	
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet): 21	Latitude (decimal): 42.2975	
Total Berthing Space (feet): 1,300	Longitude (decimal): -83.15306	

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.	Datum: LWD	
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet): 21	Latitude (decimal): 42.2975	
Total Berthing Space (feet): 1,300	Longitude (decimal): -83.15306	

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.	Datum: LWD	
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet): 21	Latitude (decimal): 42.2975	
Total Berthing Space (feet): 1,300	Longitude (decimal): -83.15306	

Port Facilities by Waterway

Waterway:	Rouge River			Mile: 2.8	PWD: 46
Name:	Rouge Steel Co., Coal Tar Wharf.				
Port:	Detroit				
Location:	Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.			Datum: LWD	
Operator:	Not operated.				
Owner:	Rouge Steel Co.				
Address:	3001 Miller Road		Phone: 313/323-8415		
Town:	Dearborn	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.				
Purpose:	Not used.				
Depth Alongside (feet):	21			Latitude (decimal):	42.2975
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.15306
Remarks:	Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.	Datum: LWD	
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet): 21	Latitude (decimal): 42.2975	
Total Berthing Space (feet): 1,300	Longitude (decimal): -83.15306	

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.	Datum: LWD	
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet): 21	Latitude (decimal): 42.2975	
Total Berthing Space (feet): 1,300	Longitude (decimal): -83.15306	

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.	Datum: LWD	
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet): 21	Latitude (decimal): 42.2975	
Total Berthing Space (feet): 1,300	Longitude (decimal): -83.15306	

Port Facilities by Waterway

Waterway:	Rouge River	Mile: 2.8	PWD: 46
Name:	Rouge Steel Co., Coal Tar Wharf.		
Port:	Detroit		
Location:	Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.		Datum: LWD
Operator:	Not operated.		
Owner:	Rouge Steel Co.		
Address:	3001 Miller Road	Phone:	313/323-8415
Town:	Dearborn	State:	MI
		County:	Wayne
Railway Connection:	Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose:	Not used.		
Depth Alongside (feet):	21	Latitude (decimal):	42.2975
Total Berthing Space (feet):	1,300	Longitude (decimal):	-83.15306
Remarks:	Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.	Datum: LWD	
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet): 21		Latitude (decimal): 42.2975
Total Berthing Space (feet): 1,300		Longitude (decimal): -83.15306

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.	Datum: LWD	
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet): 21		Latitude (decimal): 42.2975
Total Berthing Space (feet): 1,300		Longitude (decimal): -83.15306

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.	Datum: LWD	
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet): 21		Latitude (decimal): 42.2975
Total Berthing Space (feet): 1,300		Longitude (decimal): -83.15306

Port Facilities by Waterway

Waterway:	Rouge River			Mile: 2.8	PWD: 46
Name:	Rouge Steel Co., Coal Tar Wharf.				
Port:	Detroit				
Location:	Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.				Datum: LWD
Operator:	Not operated.				
Owner:	Rouge Steel Co.				
Address:	3001 Miller Road		Phone: 313/323-8415		
Town:	Dearborn	State: MI	County: Wayne		
Railway Connection:	Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.				
Purpose:	Not used.				
Depth Alongside (feet):	21			Latitude (decimal):	42.2975
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.15306
Remarks:	Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012			Detroit District
Remarks: Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012			Detroit District
Remarks: Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012			Detroit District
Remarks: Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012			Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.		Datum: LWD
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet):	21	Latitude (decimal): 42.2975
Total Berthing Space (feet):	1,300	Longitude (decimal): -83.15306

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.		Datum: LWD
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet):	21	Latitude (decimal): 42.2975
Total Berthing Space (feet):	1,300	Longitude (decimal): -83.15306

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.		Datum: LWD
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet):	21	Latitude (decimal): 42.2975
Total Berthing Space (feet):	1,300	Longitude (decimal): -83.15306

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.8	PWD: 46
Name: Rouge Steel Co., Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, above Dix Avenue Bridge, Dearborn.	Datum: LWD	
Operator: Not operated.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Plant trackage in rear; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Not used.		
Depth Alongside (feet): 21		Latitude (decimal): 42.2975
Total Berthing Space (feet): 1,300		Longitude (decimal): -83.15306
Remarks: Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012
Detroit District		

Remarks: Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012
Detroit District		

Remarks: Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012
Detroit District		

Remarks: Wharf formerly was used for shipment of coal tar. One 6-inch pipeline extends to wharf from 5 storage tanks in rear, total capacity 2,570,600 gallons, all unused at time of survey (1993).		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012
Detroit District		

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.		Datum: LWD
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22		Latitude (decimal): 42.301389
Total Berthing Space (feet): 2,514		Longitude (decimal): -83.1575

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.		Datum: LWD
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22		Latitude (decimal): 42.301389
Total Berthing Space (feet): 2,514		Longitude (decimal): -83.1575

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.		Datum: LWD
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22		Latitude (decimal): 42.301389
Total Berthing Space (feet): 2,514		Longitude (decimal): -83.1575

Port Facilities by Waterway

Waterway:	Rouge River	Mile: 2.9	PWD: 47
Name:	Rouge Steel Co., East Wharf.		
Port:	Detroit		
Location:	Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum:	LWD
Operator:	Rouge Steel Co.		
Owner:	Rouge Steel Co.		
Address:	3001 Miller Road	Phone:	313/323-8415
Town:	Dearborn	State:	MI
		County:	Wayne
Railway Connection:	One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose:	Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	42.301389
Total Berthing Space (feet):	2,514	Longitude (decimal):	-83.1575
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22	Latitude (decimal): 42.301389	
Total Berthing Space (feet): 2,514	Longitude (decimal): -83.1575	

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22	Latitude (decimal): 42.301389	
Total Berthing Space (feet): 2,514	Longitude (decimal): -83.1575	

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22	Latitude (decimal): 42.301389	
Total Berthing Space (feet): 2,514	Longitude (decimal): -83.1575	

Port Facilities by Waterway

Waterway:	Rouge River	Mile: 2.9	PWD: 47
Name:	Rouge Steel Co., East Wharf.		
Port:	Detroit		
Location:	Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum:	LWD
Operator:	Rouge Steel Co.		
Owner:	Rouge Steel Co.		
Address:	3001 Miller Road	Phone:	313/323-8415
Town:	Dearborn	State:	MI
		County:	Wayne
Railway Connection:	One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose:	Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	42.301389
Total Berthing Space (feet):	2,514	Longitude (decimal):	-83.1575
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22	Latitude (decimal): 42.301389	
Total Berthing Space (feet): 2,514	Longitude (decimal): -83.1575	

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22	Latitude (decimal): 42.301389	
Total Berthing Space (feet): 2,514	Longitude (decimal): -83.1575	

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22	Latitude (decimal): 42.301389	
Total Berthing Space (feet): 2,514	Longitude (decimal): -83.1575	

Port Facilities by Waterway

Waterway:	Rouge River	Mile: 2.9	PWD: 47
Name:	Rouge Steel Co., East Wharf.		
Port:	Detroit		
Location:	Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum:	LWD
Operator:	Rouge Steel Co.		
Owner:	Rouge Steel Co.		
Address:	3001 Miller Road	Phone:	313/323-8415
Town:	Dearborn	State:	MI
		County:	Wayne
Railway Connection:	One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose:	Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	42.301389
Total Berthing Space (feet):	2,514	Longitude (decimal):	-83.1575
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22	Latitude (decimal): 42.301389	
Total Berthing Space (feet): 2,514	Longitude (decimal): -83.1575	

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22	Latitude (decimal): 42.301389	
Total Berthing Space (feet): 2,514	Longitude (decimal): -83.1575	

Waterway: Rouge River	Mile: 2.9	PWD: 47
Name: Rouge Steel Co., East Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 17 - 22	Latitude (decimal): 42.301389	
Total Berthing Space (feet): 2,514	Longitude (decimal): -83.1575	

Port Facilities by Waterway

Waterway:	Rouge River	Mile: 2.9	PWD: 47
Name:	Rouge Steel Co., East Wharf.		
Port:	Detroit		
Location:	Left bank, Rouge River, east side of slip north of turning basin, Dearborn.	Datum:	LWD
Operator:	Rouge Steel Co.		
Owner:	Rouge Steel Co.		
Address:	3001 Miller Road	Phone:	313/323-8415
Town:	Dearborn	State:	MI
		County:	Wayne
Railway Connection:	One surface track along rear of storage area joins plant trackage; connects with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose:	Receipt of iron ore, iron ore pellets, coal, and limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet):	17 - 22	Latitude (decimal):	42.301389
Total Berthing Space (feet):	2,514	Longitude (decimal):	-83.1575
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Two electric, traveling, bridge cranes equipped with 22-ton buckets traveling full length of wharf, and one bridge crane with 12-ton bucket are used for stockpiling and recovery. Cranes span a 350-foot-wide, tim concrete-surfaced, open storage area divided into a trough with capacity for 152,000 tons of material and bins at the rear of the trough with capacity for 437,000 tons of coal, 308,000 tons of limestone, and 800,000 tand iron ore pellets. Cranes recover materials from storage to hopper cars and hoppers serving two blast furnaces located in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.		Datum: LWD
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21		Latitude (decimal): 42.300556
Total Berthing Space (feet): 2,915		Longitude (decimal): -83.15806

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.		Datum: LWD
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21		Latitude (decimal): 42.300556
Total Berthing Space (feet): 2,915		Longitude (decimal): -83.15806

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.		Datum: LWD
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21		Latitude (decimal): 42.300556
Total Berthing Space (feet): 2,915		Longitude (decimal): -83.15806

Port Facilities by Waterway

Waterway:	Rouge River	Mile: 2.9	PWD: 48
Name:	Rouge Steel Co., West Wharf.		
Port:	Detroit		
Location:	Left bank, Rouge River, west side of slip north of turning basin, Dearborn.	Datum:	LWD
Operator:	Rouge Steel Co.		
Owner:	Rouge Steel Co.		
Address:	3001 Miller Road	Phone:	313/323-8415
Town:	Dearborn	State:	MI
		County:	Wayne
Railway Connection:	One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose:	Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet):	6 - 21	Latitude (decimal):	42.300556
Total Berthing Space (feet):	2,915	Longitude (decimal):	-83.15806
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21	Latitude (decimal): 42.300556	
Total Berthing Space (feet): 2,915	Longitude (decimal): -83.15806	

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21	Latitude (decimal): 42.300556	
Total Berthing Space (feet): 2,915	Longitude (decimal): -83.15806	

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21	Latitude (decimal): 42.300556	
Total Berthing Space (feet): 2,915	Longitude (decimal): -83.15806	

Port Facilities by Waterway

Waterway:	Rouge River	Mile: 2.9	PWD: 48
Name:	Rouge Steel Co., West Wharf.		
Port:	Detroit		
Location:	Left bank, Rouge River, west side of slip north of turning basin, Dearborn.	Datum:	LWD
Operator:	Rouge Steel Co.		
Owner:	Rouge Steel Co.		
Address:	3001 Miller Road	Phone:	313/323-8415
Town:	Dearborn	State:	MI
		County:	Wayne
Railway Connection:	One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose:	Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet):	6 - 21	Latitude (decimal):	42.300556
Total Berthing Space (feet):	2,915	Longitude (decimal):	-83.15806
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.		Datum: LWD
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21		Latitude (decimal): 42.300556
Total Berthing Space (feet): 2,915		Longitude (decimal): -83.15806

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.		Datum: LWD
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21		Latitude (decimal): 42.300556
Total Berthing Space (feet): 2,915		Longitude (decimal): -83.15806

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.		Datum: LWD
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21		Latitude (decimal): 42.300556
Total Berthing Space (feet): 2,915		Longitude (decimal): -83.15806

Port Facilities by Waterway

Waterway:	Rouge River	Mile: 2.9	PWD: 48
Name:	Rouge Steel Co., West Wharf.		
Port:	Detroit		
Location:	Left bank, Rouge River, west side of slip north of turning basin, Dearborn.	Datum:	LWD
Operator:	Rouge Steel Co.		
Owner:	Rouge Steel Co.		
Address:	3001 Miller Road	Phone:	313/323-8415
Town:	Dearborn	State:	MI
		County:	Wayne
Railway Connection:	One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose:	Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet):	6 - 21	Latitude (decimal):	42.300556
Total Berthing Space (feet):	2,915	Longitude (decimal):	-83.15806
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21	Latitude (decimal): 42.300556	
Total Berthing Space (feet): 2,915	Longitude (decimal): -83.15806	

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
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Owner: Rouge Steel Co.		
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Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21	Latitude (decimal): 42.300556	
Total Berthing Space (feet): 2,915	Longitude (decimal): -83.15806	

Waterway: Rouge River	Mile: 2.9	PWD: 48
Name: Rouge Steel Co., West Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west side of slip north of turning basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet): 6 - 21	Latitude (decimal): 42.300556	
Total Berthing Space (feet): 2,915	Longitude (decimal): -83.15806	

Port Facilities by Waterway

Waterway:	Rouge River	Mile: 2.9	PWD: 48
Name:	Rouge Steel Co., West Wharf.		
Port:	Detroit		
Location:	Left bank, Rouge River, west side of slip north of turning basin, Dearborn.	Datum:	LWD
Operator:	Rouge Steel Co.		
Owner:	Rouge Steel Co.		
Address:	3001 Miller Road	Phone:	313/323-8415
Town:	Dearborn	State:	MI
		County:	Wayne
Railway Connection:	One surface track extending full length of wharf and 2 extending part way along wharf join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose:	Receipt of limestone by self-unloading vessel; mooring vessels during closed navigation season.		
Depth Alongside (feet):	6 - 21	Latitude (decimal):	42.300556
Total Berthing Space (feet):	2,915	Longitude (decimal):	-83.15806
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area for 11,000 tons of limestone, two basic oxygen furnaces, and steel mill are located in rear of wharf. Wharf is equipped with lines for supplying water, steam, and electricity used in making rep moored during winter.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 3.0	PWD: 49
Name: Rouge Steel Co., South Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west of Turning Basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road.	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Occasional mooring of vessels.		
Depth Alongside (feet): 10 - 12	Latitude (decimal): 42.295833	
Total Berthing Space (feet): 560	Longitude (decimal): -83.15667	

Waterway: Rouge River	Mile: 3.0	PWD: 49
Name: Rouge Steel Co., South Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west of Turning Basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road.	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Occasional mooring of vessels.		
Depth Alongside (feet): 10 - 12	Latitude (decimal): 42.295833	
Total Berthing Space (feet): 560	Longitude (decimal): -83.15667	

Waterway: Rouge River	Mile: 3.0	PWD: 49
Name: Rouge Steel Co., South Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west of Turning Basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road.	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Occasional mooring of vessels.		
Depth Alongside (feet): 10 - 12	Latitude (decimal): 42.295833	
Total Berthing Space (feet): 560	Longitude (decimal): -83.15667	

Port Facilities by Waterway

Waterway:	Rouge River			Mile: 3.0	PWD: 49
Name:	Rouge Steel Co., South Wharf.				
Port:	Detroit				
Location:	Left bank, Rouge River, west of Turning Basin, Dearborn.			Datum: LWD	
Operator:	Rouge Steel Co.				
Owner:	Rouge Steel Co.				
Address:	3001 Miller Road.			Phone: 313/323-8415	
Town:	Dearborn	State: MI	County: Wayne		
Railway Connection:	Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.				
Purpose:	Occasional mooring of vessels.				
Depth Alongside (feet):	10 - 12			Latitude (decimal):	42.295833
Total Berthing Space (feet):	560			Longitude (decimal):	-83.15667
Remarks:	-□□				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012			Detroit District
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012			Detroit District
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012			Detroit District
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012			Detroit District

Port Facilities by Waterway

Waterway: Rouge River	Mile: 3.0	PWD: 49
Name: Rouge Steel Co., South Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west of Turning Basin, Dearborn.		Datum: LWD
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road.		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
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Location: Left bank, Rouge River, west of Turning Basin, Dearborn.		Datum: LWD
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Address: 3001 Miller Road.		Phone: 313/323-8415
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Occasional mooring of vessels.		
Depth Alongside (feet): 10 - 12		Latitude (decimal): 42.295833
Total Berthing Space (feet): 560		Longitude (decimal): -83.15667

Port Facilities by Waterway

Waterway:	Rouge River			Mile: 3.0	PWD: 49
Name:	Rouge Steel Co., South Wharf.				
Port:	Detroit				
Location:	Left bank, Rouge River, west of Turning Basin, Dearborn.			Datum: LWD	
Operator:	Rouge Steel Co.				
Owner:	Rouge Steel Co.				
Address:	3001 Miller Road.		Phone: 313/323-8415		
Town:	Dearborn	State: MI	County: Wayne		
Railway Connection:	Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.				
Purpose:	Occasional mooring of vessels.				
Depth Alongside (feet):	10 - 12			Latitude (decimal):	42.295833
Total Berthing Space (feet):	560			Longitude (decimal):	-83.15667
Remarks:	-□□				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	

Port Facilities by Waterway

Waterway: Rouge River	Mile: 3.0	PWD: 49
Name: Rouge Steel Co., South Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west of Turning Basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road.	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
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Depth Alongside (feet): 10 - 12	Latitude (decimal): 42.295833	
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Waterway: Rouge River	Mile: 3.0	PWD: 49
Name: Rouge Steel Co., South Wharf.		
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Location: Left bank, Rouge River, west of Turning Basin, Dearborn.	Datum: LWD	
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Address: 3001 Miller Road.	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Occasional mooring of vessels.		
Depth Alongside (feet): 10 - 12	Latitude (decimal): 42.295833	
Total Berthing Space (feet): 560	Longitude (decimal): -83.15667	

Port Facilities by Waterway

Waterway:	Rouge River			Mile: 3.0	PWD: 49
Name:	Rouge Steel Co., South Wharf.				
Port:	Detroit				
Location:	Left bank, Rouge River, west of Turning Basin, Dearborn.			Datum: LWD	
Operator:	Rouge Steel Co.				
Owner:	Rouge Steel Co.				
Address:	3001 Miller Road.		Phone: 313/323-8415		
Town:	Dearborn	State: MI	County: Wayne		
Railway Connection:	Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.				
Purpose:	Occasional mooring of vessels.				
Depth Alongside (feet):	10 - 12			Latitude (decimal):	42.295833
Total Berthing Space (feet):	560			Longitude (decimal):	-83.15667
Remarks:	-□□				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	

Port Facilities by Waterway

Waterway: Rouge River	Mile: 3.0	PWD: 49
Name: Rouge Steel Co., South Wharf.		
Port: Detroit		
Location: Left bank, Rouge River, west of Turning Basin, Dearborn.	Datum: LWD	
Operator: Rouge Steel Co.		
Owner: Rouge Steel Co.		
Address: 3001 Miller Road.	Phone: 313/323-8415	
Town: Dearborn	State: MI	County: Wayne
Railway Connection: Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
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Town: Dearborn	State: MI	County: Wayne
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Depth Alongside (feet): 10 - 12		Latitude (decimal): 42.295833
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Waterway: Rouge River	Mile: 3.0	PWD: 49
Name: Rouge Steel Co., South Wharf.		
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Town: Dearborn	State: MI	County: Wayne
Railway Connection: Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.		
Purpose: Occasional mooring of vessels.		
Depth Alongside (feet): 10 - 12		Latitude (decimal): 42.295833
Total Berthing Space (feet): 560		Longitude (decimal): -83.15667

Port Facilities by Waterway

Waterway:	Rouge River			Mile: 3.0	PWD: 49
Name:	Rouge Steel Co., South Wharf.				
Port:	Detroit				
Location:	Left bank, Rouge River, west of Turning Basin, Dearborn.			Datum: LWD	
Operator:	Rouge Steel Co.				
Owner:	Rouge Steel Co.				
Address:	3001 Miller Road.		Phone: 313/323-8415		
Town:	Dearborn	State: MI	County: Wayne		
Railway Connection:	Two surface tracks at rear join plant trackage; connect with Grand Trunk Western Railroad, CSX Transportation, and Consolidated Rail Corp.				
Purpose:	Occasional mooring of vessels.				
Depth Alongside (feet):	10 - 12			Latitude (decimal):	42.295833
Total Berthing Space (feet):	560			Longitude (decimal):	-83.15667
Remarks:	-□□				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
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Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
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Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	
Remarks: -□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012		Detroit District	

Port Facilities by Waterway

Waterway: Rouge River, Old Channel	Mile: 0.1	PWD: 33
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No		
Port: Detroit		
Location: Right bank, Old Channel, Rouge River, above mouth, Zug Island, River Rouge.		Datum: LWD
Operator: National Steel Corp., Great Lakes Division.		
Owner: National Steel Corp., Great Lakes Division.		
Address: Zug Island Road		Phone: 313/297-3426
Town: River Rouge	State: MI	County: Wayne
Railway Connection: One surface track on upper portion of wharf joins with additional plant trackage in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt of iron ore pellets, scrap metal, slag and limestone by self-unloading vessel.		
Depth Alongside (feet): 21		Latitude (decimal): 42.288056
Total Berthing Space (feet): 1,287		Longitude (decimal): -83.10556

Waterway: Rouge River, Old Channel	Mile: 0.1	PWD: 33
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No		
Port: Detroit		
Location: Right bank, Old Channel, Rouge River, above mouth, Zug Island, River Rouge.		Datum: LWD
Operator: National Steel Corp., Great Lakes Division.		
Owner: National Steel Corp., Great Lakes Division.		
Address: Zug Island Road		Phone: 313/297-3426
Town: River Rouge	State: MI	County: Wayne
Railway Connection: One surface track on upper portion of wharf joins with additional plant trackage in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt of iron ore pellets, scrap metal, slag and limestone by self-unloading vessel.		
Depth Alongside (feet): 21		Latitude (decimal): 42.288056
Total Berthing Space (feet): 1,287		Longitude (decimal): -83.10556

Waterway: Rouge River, Old Channel	Mile: 0.1	PWD: 33
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No		
Port: Detroit		
Location: Right bank, Old Channel, Rouge River, above mouth, Zug Island, River Rouge.		Datum: LWD
Operator: National Steel Corp., Great Lakes Division.		
Owner: National Steel Corp., Great Lakes Division.		
Address: Zug Island Road		Phone: 313/297-3426
Town: River Rouge	State: MI	County: Wayne
Railway Connection: One surface track on upper portion of wharf joins with additional plant trackage in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt of iron ore pellets, scrap metal, slag and limestone by self-unloading vessel.		
Depth Alongside (feet): 21		Latitude (decimal): 42.288056
Total Berthing Space (feet): 1,287		Longitude (decimal): -83.10556

Remarks: The timber pile supported, concrete-surfaced storage area along the rear of the wharf is spanned by a second traveling bridge crane, not equipped with an unloading boom, and has capacity for approximately 250,000 pellets. The bridge cranes recover ore from storage and load into five 50-ton, bottom dump, electric, ore transfer cars which serve an electric, belt conveyor system extending to a plant in rear. The Detroit River Wlocated at lower end of storage area.

Port Series: 45	Year of Last Survey: 1996	Corps of Engrs Waterway Code: 73012	Detroit District
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Port Facilities by Waterway

Remarks: The timber pile supported, concrete-surfaced storage area along the rear of the wharf is spanned by a second traveling bridge crane, not equipped with an unloading boom, and has capacity for approximately 250,000 pellets. The bridge cranes recover ore from storage and load into five 50-ton, bottom dump, electric, ore transfer cars which serve an electric, belt conveyor system extending to a plant in rear. The Detroit River Wlocated at lower end of storage area.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Remarks: The timber pile supported, concrete-surfaced storage area along the rear of the wharf is spanned by a second traveling bridge crane, not equipped with an unloading boom, and has capacity for approximately 250,000 pellets. The bridge cranes recover ore from storage and load into five 50-ton, bottom dump, electric, ore transfer cars which serve an electric, belt conveyor system extending to a plant in rear. The Detroit River Wlocated at lower end of storage area.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: Rouge River, Old Channel	Mile: 0.1	PWD: 33
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No		
Port: Detroit		
Location: Right bank, Old Channel, Rouge River, above mouth, Zug Island, River Rouge.		Datum: LWD
Operator: National Steel Corp., Great Lakes Division.		
Owner: National Steel Corp., Great Lakes Division.		
Address: Zug Island Road		Phone: 313/297-3426
Town: River Rouge	State: MI	County: Wayne
Railway Connection: One surface track on upper portion of wharf joins with additional plant trackage in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt of iron ore pellets, scrap metal, slag and limestone by self-unloading vessel.		
Depth Alongside (feet): 21		Latitude (decimal): 42.288056
Total Berthing Space (feet): 1,287		Longitude (decimal): -83.10556

Waterway: Rouge River, Old Channel	Mile: 0.1	PWD: 33
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No		
Port: Detroit		
Location: Right bank, Old Channel, Rouge River, above mouth, Zug Island, River Rouge.		Datum: LWD
Operator: National Steel Corp., Great Lakes Division.		
Owner: National Steel Corp., Great Lakes Division.		
Address: Zug Island Road		Phone: 313/297-3426
Town: River Rouge	State: MI	County: Wayne
Railway Connection: One surface track on upper portion of wharf joins with additional plant trackage in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt of iron ore pellets, scrap metal, slag and limestone by self-unloading vessel.		
Depth Alongside (feet): 21		Latitude (decimal): 42.288056
Total Berthing Space (feet): 1,287		Longitude (decimal): -83.10556

Waterway: Rouge River, Old Channel	Mile: 0.1	PWD: 33
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No		
Port: Detroit		
Location: Right bank, Old Channel, Rouge River, above mouth, Zug Island, River Rouge.		Datum: LWD
Operator: National Steel Corp., Great Lakes Division.		
Owner: National Steel Corp., Great Lakes Division.		
Address: Zug Island Road		Phone: 313/297-3426
Town: River Rouge	State: MI	County: Wayne
Railway Connection: One surface track on upper portion of wharf joins with additional plant trackage in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt of iron ore pellets, scrap metal, slag and limestone by self-unloading vessel.		
Depth Alongside (feet): 21		Latitude (decimal): 42.288056
Total Berthing Space (feet): 1,287		Longitude (decimal): -83.10556

Remarks: The timber pile supported, concrete-surfaced storage area along the rear of the wharf is spanned by a second traveling bridge crane, not equipped with an unloading boom, and has capacity for approximately 250,000 pellets. The bridge cranes recover ore from storage and load into five 50-ton, bottom dump, electric, ore transfer cars which serve an electric, belt conveyor system extending to a plant in rear. The Detroit River Wlocated at lower end of storage area.

Port Series: 45	Year of Last Survey: 1996	Corps of Engrs Waterway Code: 73012	Detroit District
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Port Facilities by Waterway

Remarks: The timber pile supported, concrete-surfaced storage area along the rear of the wharf is spanned by a second traveling bridge crane, not equipped with an unloading boom, and has capacity for approximately 250,000 pellets. The bridge cranes recover ore from storage and load into five 50-ton, bottom dump, electric, ore transfer cars which serve an electric, belt conveyor system extending to a plant in rear. The Detroit River Wlocated at lower end of storage area.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Remarks: The timber pile supported, concrete-surfaced storage area along the rear of the wharf is spanned by a second traveling bridge crane, not equipped with an unloading boom, and has capacity for approximately 250,000 pellets. The bridge cranes recover ore from storage and load into five 50-ton, bottom dump, electric, ore transfer cars which serve an electric, belt conveyor system extending to a plant in rear. The Detroit River Wlocated at lower end of storage area.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: Rouge River, Old Channel	Mile: 0.1	PWD: 33
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No		
Port: Detroit		
Location: Right bank, Old Channel, Rouge River, above mouth, Zug Island, River Rouge.		Datum: LWD
Operator: National Steel Corp., Great Lakes Division.		
Owner: National Steel Corp., Great Lakes Division.		
Address: Zug Island Road		Phone: 313/297-3426
Town: River Rouge	State: MI	County: Wayne
Railway Connection: One surface track on upper portion of wharf joins with additional plant trackage in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt of iron ore pellets, scrap metal, slag and limestone by self-unloading vessel.		
Depth Alongside (feet):	21	Latitude (decimal): 42.288056
Total Berthing Space (feet):	1,287	Longitude (decimal): -83.10556

Waterway: Rouge River, Old Channel	Mile: 0.1	PWD: 33
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No		
Port: Detroit		
Location: Right bank, Old Channel, Rouge River, above mouth, Zug Island, River Rouge.		Datum: LWD
Operator: National Steel Corp., Great Lakes Division.		
Owner: National Steel Corp., Great Lakes Division.		
Address: Zug Island Road		Phone: 313/297-3426
Town: River Rouge	State: MI	County: Wayne
Railway Connection: One surface track on upper portion of wharf joins with additional plant trackage in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt of iron ore pellets, scrap metal, slag and limestone by self-unloading vessel.		
Depth Alongside (feet):	21	Latitude (decimal): 42.288056
Total Berthing Space (feet):	1,287	Longitude (decimal): -83.10556

Waterway: Rouge River, Old Channel	Mile: 0.1	PWD: 33
Name: National Steel Corp., Great Lakes Division, Zug Island Ore Dock No		
Port: Detroit		
Location: Right bank, Old Channel, Rouge River, above mouth, Zug Island, River Rouge.		Datum: LWD
Operator: National Steel Corp., Great Lakes Division.		
Owner: National Steel Corp., Great Lakes Division.		
Address: Zug Island Road		Phone: 313/297-3426
Town: River Rouge	State: MI	County: Wayne
Railway Connection: One surface track on upper portion of wharf joins with additional plant trackage in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt of iron ore pellets, scrap metal, slag and limestone by self-unloading vessel.		
Depth Alongside (feet):	21	Latitude (decimal): 42.288056
Total Berthing Space (feet):	1,287	Longitude (decimal): -83.10556

Remarks: The timber pile supported, concrete-surfaced storage area along the rear of the wharf is spanned by a second traveling bridge crane, not equipped with an unloading boom, and has capacity for approximately 250,000 pellets. The bridge cranes recover ore from storage and load into five 50-ton, bottom dump, electric, ore transfer cars which serve an electric, belt conveyor system extending to a plant in rear. The Detroit River Wlocated at lower end of storage area.

Port Series: 45	Year of Last Survey: 1996	Corps of Engrs Waterway Code: 73012	Detroit District
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Port Facilities by Waterway

Remarks: The timber pile supported, concrete-surfaced storage area along the rear of the wharf is spanned by a second traveling bridge crane, not equipped with an unloading boom, and has capacity for approximately 250,000 pellets. The bridge cranes recover ore from storage and load into five 50-ton, bottom dump, electric, ore transfer cars which serve an electric, belt conveyor system extending to a plant in rear. The Detroit River Wlocated at lower end of storage area.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Remarks: The timber pile supported, concrete-surfaced storage area along the rear of the wharf is spanned by a second traveling bridge crane, not equipped with an unloading boom, and has capacity for approximately 250,000 pellets. The bridge cranes recover ore from storage and load into five 50-ton, bottom dump, electric, ore transfer cars which serve an electric, belt conveyor system extending to a plant in rear. The Detroit River Wlocated at lower end of storage area.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Waterway: **Rouge River, Old Channel** Mile: 0.3 PWD: 27
 Name: **AlliedSignal Inc., Detroit Tar Plant, Coal Tar Wharf.**
 Port: Detroit
 Location: Left bank, Old Channel, Rouge River, approximately 300 feet above Zug Island Datum: LWD
 Road - Delray Connecting Ra
 Operator: AlliedSignal Inc., Tar Products Division.
 Owner: AlliedSignal Inc.
 Address: 1200 Zug Island Road Phone: 313/842-4400 ex
 Town: Detroit State: MI County: Wayne
 Railway Connection: Trackage serving plant in rear; connects with Delray Connecting Railroad.
 Purpose: Receipt and shipment of coal tar and shipment of creosote by barge.

Depth Alongside (feet): 22 | | Latitude (decimal): 42.289444
 Total Berthing Space (feet): 275 | | Longitude (decimal): -83.11028

Waterway: **Rouge River, Old Channel** Mile: 0.3 PWD: 27
 Name: **AlliedSignal Inc., Detroit Tar Plant, Coal Tar Wharf.**
 Port: Detroit
 Location: Left bank, Old Channel, Rouge River, approximately 300 feet above Zug Island Datum: LWD
 Road - Delray Connecting Ra
 Operator: AlliedSignal Inc., Tar Products Division.
 Owner: AlliedSignal Inc.
 Address: 1200 Zug Island Road Phone: 313/842-4400 ex
 Town: Detroit State: MI County: Wayne
 Railway Connection: Trackage serving plant in rear; connects with Delray Connecting Railroad.
 Purpose: Receipt and shipment of coal tar and shipment of creosote by barge.

Depth Alongside (feet): 22 | | Latitude (decimal): 42.289444
 Total Berthing Space (feet): 275 | | Longitude (decimal): -83.11028

Remarks: One 6-inch pipeline extends from wharf to 12 steel storage tanks in rear, total capacity 3,400,000 gallons. One 2-inch steam line serves wharf. □

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Remarks: One 6-inch pipeline extends from wharf to 12 steel storage tanks in rear, total capacity 3,400,000 gallons. One 2-inch steam line serves wharf. □

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway: Rouge River, Old Channel	Mile: 0.3	PWD: 27
Name: AlliedSignal Inc., Detroit Tar Plant, Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Old Channel, Rouge River, approximately 300 feet above Zug Island		Datum: LWD
Road - Delray Connecting Ra		
Operator: AlliedSignal Inc., Tar Products Division.		
Owner: AlliedSignal Inc.		
Address: 1200 Zug Island Road		Phone: 313/842-4400 ex
Town: Detroit	State: MI	County: Wayne
Railway Connection: Trackage serving plant in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt and shipment of coal tar and shipment of creosote by barge.		
Depth Alongside (feet): 22		Latitude (decimal): 42.289444
Total Berthing Space (feet): 275		Longitude (decimal): -83.11028

Waterway: Rouge River, Old Channel	Mile: 0.3	PWD: 27
Name: AlliedSignal Inc., Detroit Tar Plant, Coal Tar Wharf.		
Port: Detroit		
Location: Left bank, Old Channel, Rouge River, approximately 300 feet above Zug Island		Datum: LWD
Road - Delray Connecting Ra		
Operator: AlliedSignal Inc., Tar Products Division.		
Owner: AlliedSignal Inc.		
Address: 1200 Zug Island Road		Phone: 313/842-4400 ex
Town: Detroit	State: MI	County: Wayne
Railway Connection: Trackage serving plant in rear; connects with Delray Connecting Railroad.		
Purpose: Receipt and shipment of coal tar and shipment of creosote by barge.		
Depth Alongside (feet): 22		Latitude (decimal): 42.289444
Total Berthing Space (feet): 275		Longitude (decimal): -83.11028

Remarks: One 6-inch pipeline extends from wharf to 12 steel storage tanks in rear, total capacity 3,400,000 gallons. One 2-inch steam line serves wharf. □

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
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Remarks: One 6-inch pipeline extends from wharf to 12 steel storage tanks in rear, total capacity 3,400,000 gallons. One 2-inch steam line serves wharf. □

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
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Port Facilities by Waterway

Waterway: Rouge River, Old Channel	Mile: 0.4	PWD: 28
Name: AlliedSignal Inc., Detroit Tar Plant, Pitch Wharf.		
Port: Detroit		
Location: Left bank, Old Channel, Rouge River, approximately 700 feet above Zug Island		Datum: LWD
Road - Delray Connecting Ra		
Operator: AlliedSignal Inc., Tar Products Division.		
Owner: AlliedSignal Inc.		
Address: 1200 Zug Island Road		Phone: 313/842-4400 ex
Town: Detroit	State: MI	County: Wayne
Railway Connection: Trackage serving plant in rear; connects with Delray Connecting Railroad.		
Purpose: Occasional shipment of bulk pitch.		
Depth Alongside (feet): 22		Latitude (decimal): 42.29
Total Berthing Space (feet): 250		Longitude (decimal): -83.11194

Waterway: Rouge River, Old Channel	Mile: 0.4	PWD: 28
Name: AlliedSignal Inc., Detroit Tar Plant, Pitch Wharf.		
Port: Detroit		
Location: Left bank, Old Channel, Rouge River, approximately 700 feet above Zug Island		Datum: LWD
Road - Delray Connecting Ra		
Operator: AlliedSignal Inc., Tar Products Division.		
Owner: AlliedSignal Inc.		
Address: 1200 Zug Island Road		Phone: 313/842-4400 ex
Town: Detroit	State: MI	County: Wayne
Railway Connection: Trackage serving plant in rear; connects with Delray Connecting Railroad.		
Purpose: Occasional shipment of bulk pitch.		
Depth Alongside (feet): 22		Latitude (decimal): 42.29
Total Berthing Space (feet): 250		Longitude (decimal): -83.11194

Remarks: Open storage area located at rear has capacity for approximately 18,000 tons of bulk pitch. □

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
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Remarks: Open storage area located at rear has capacity for approximately 18,000 tons of bulk pitch. □

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
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Port Facilities by Waterway

Waterway:	Rouge River, Old Channel			Mile: 0.4	PWD: 28
Name:	AlliedSignal Inc., Detroit Tar Plant, Pitch Wharf.				
Port:	Detroit				
Location:	Left bank, Old Channel, Rouge River, approximately 700 feet above Zug Island			Datum: LWD	
	Road - Delray Connecting Ra				
Operator:	AlliedSignal Inc., Tar Products Division.				
Owner:	AlliedSignal Inc.				
Address:	1200 Zug Island Road			Phone: 313/842-4400 ex	
Town:	Detroit	State: MI	County: Wayne		
Railway Connection:	Trackage serving plant in rear; connects with Delray Connecting Railroad.				
Purpose:	Occasional shipment of bulk pitch.				
Depth Alongside (feet):	22			Latitude (decimal):	42.29
Total Berthing Space (feet):	250			Longitude (decimal):	-83.11194
Waterway:	Rouge River, Old Channel			Mile: 0.4	PWD: 28
Name:	AlliedSignal Inc., Detroit Tar Plant, Pitch Wharf.				
Port:	Detroit				
Location:	Left bank, Old Channel, Rouge River, approximately 700 feet above Zug Island			Datum: LWD	
	Road - Delray Connecting Ra				
Operator:	AlliedSignal Inc., Tar Products Division.				
Owner:	AlliedSignal Inc.				
Address:	1200 Zug Island Road			Phone: 313/842-4400 ex	
Town:	Detroit	State: MI	County: Wayne		
Railway Connection:	Trackage serving plant in rear; connects with Delray Connecting Railroad.				
Purpose:	Occasional shipment of bulk pitch.				
Depth Alongside (feet):	22			Latitude (decimal):	42.29
Total Berthing Space (feet):	250			Longitude (decimal):	-83.11194
Remarks:	Open storage area located at rear has capacity for approximately 18,000 tons of bulk pitch. <input type="checkbox"/>				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		
Remarks: Open storage area located at rear has capacity for approximately 18,000 tons of bulk pitch. <input type="checkbox"/>					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		
Waterway:	Rouge River, Old Channel			Mile: 0.6	PWD: 29
Name:	Ferriss Marine Contracting, Detroit Mooring.				
Port:	Detroit				
Location:	Left bank, Old Channel, Rouge River, approximately 1,200 feet above Zug Island			Datum: LWD	
	Road - Delray Connecting				
Operator:	Ferriss Marine Contracting, Inc.				
Owner:	Ferriss Marine Contracting, Inc.				
Address:	8145 Medina Street.			Phone: 313/841-0032	
Town:	Detroit	State: MI	County: Wayne		
Railway Connection:	None.				
Purpose:	Mooring company-owned vessels.				
Depth Alongside (feet):	17			Latitude (decimal):	42.290278
Total Berthing Space (feet):	500			Longitude (decimal):	-83.11444
Remarks:	Approximately 2 acres of open storage area are located at rear. <input type="checkbox"/> <input type="checkbox"/>				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		

Port Facilities by Waterway

Waterway: **Rouge River, Old Channel** Mile: 0.9 PWD: 30
Name: **Marine Pollution Control Corp. Wharf.**
Port: Detroit
Location: Left bank, Old Channel, Rouge River, approximately 0.6 mile below entrance from Rouge River, Detroit. Datum: LWD
Operator: Marine Pollution Control Corp.
Owner: Marine Pollution Control Corp.
Address: 8631 West Jefferson Avenue Phone: 313/849-2697
Town: Detroit State: MI County: Wayne
Railway Connection: None.
Purpose: Mooring oil spill cleanup vessels.
Depth Alongside (feet): 10 - 12 | | Latitude (decimal): 42.288333
Total Berthing Space (feet): 227 | | Longitude (decimal): -83.12028
Remarks: Office building and equipment storage shed are located at rear.□□
Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway:	Rouge River, Old Channel	Mile: 1.0	PWD: 32
Name:	National Steel Corp., Great Lakes Division, Zug Island Area B Dock		
Port:	Detroit		
Location:	Right bank, Old Channel, Rouge River, approximately 0.5 mile below entrance from Rouge River, Zug Island		Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.		
Owner:	National Steel Corp., Great Lakes Division.		
Address:	Zug Island Road	Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne
Railway Connection:	None.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	17		Latitude (decimal): 42.287778
Total Berthing Space (feet):	1,000		Longitude (decimal): -83.11972
Waterway:	Rouge River, Old Channel	Mile: 1.0	PWD: 32
Name:	National Steel Corp., Great Lakes Division, Zug Island Area B Dock		
Port:	Detroit		
Location:	Right bank, Old Channel, Rouge River, approximately 0.5 mile below entrance from Rouge River, Zug Island		Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.		
Owner:	National Steel Corp., Great Lakes Division.		
Address:	Zug Island Road	Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne
Railway Connection:	None.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	17		Latitude (decimal): 42.287778
Total Berthing Space (feet):	1,000		Longitude (decimal): -83.11972
Waterway:	Rouge River, Old Channel	Mile: 1.0	PWD: 32
Name:	National Steel Corp., Great Lakes Division, Zug Island Area B Dock		
Port:	Detroit		
Location:	Right bank, Old Channel, Rouge River, approximately 0.5 mile below entrance from Rouge River, Zug Island		Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.		
Owner:	National Steel Corp., Great Lakes Division.		
Address:	Zug Island Road	Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne
Railway Connection:	None.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	17		Latitude (decimal): 42.287778
Total Berthing Space (feet):	1,000		Longitude (decimal): -83.11972
Remarks:	Open storage area at rear has capacity for approximately 60,000 tons of coal. Smaller vehicles may approach dock via upper Delray Connecting Railroad bridge, 12 feet wide, from West Jefferson Avenue.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area at rear has capacity for approximately 60,000 tons of coal. Smaller vehicles may approach dock via upper Delray Connecting Railroad bridge, 12 feet wide, from West Jefferson Avenue.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Remarks: Open storage area at rear has capacity for approximately 60,000 tons of coal. Smaller vehicles may approach dock via upper Delray Connecting Railroad bridge, 12 feet wide, from West Jefferson Avenue.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway:	Rouge River, Old Channel	Mile: 1.0	PWD: 32
Name:	National Steel Corp., Great Lakes Division, Zug Island Area B Dock		
Port:	Detroit		
Location:	Right bank, Old Channel, Rouge River, approximately 0.5 mile below entrance from Rouge River, Zug Island		Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.		
Owner:	National Steel Corp., Great Lakes Division.		
Address:	Zug Island Road	Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne
Railway Connection:	None.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	17		Latitude (decimal): 42.287778
Total Berthing Space (feet):	1,000		Longitude (decimal): -83.11972
Waterway:	Rouge River, Old Channel	Mile: 1.0	PWD: 32
Name:	National Steel Corp., Great Lakes Division, Zug Island Area B Dock		
Port:	Detroit		
Location:	Right bank, Old Channel, Rouge River, approximately 0.5 mile below entrance from Rouge River, Zug Island		Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.		
Owner:	National Steel Corp., Great Lakes Division.		
Address:	Zug Island Road	Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne
Railway Connection:	None.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	17		Latitude (decimal): 42.287778
Total Berthing Space (feet):	1,000		Longitude (decimal): -83.11972
Waterway:	Rouge River, Old Channel	Mile: 1.0	PWD: 32
Name:	National Steel Corp., Great Lakes Division, Zug Island Area B Dock		
Port:	Detroit		
Location:	Right bank, Old Channel, Rouge River, approximately 0.5 mile below entrance from Rouge River, Zug Island		Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.		
Owner:	National Steel Corp., Great Lakes Division.		
Address:	Zug Island Road	Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne
Railway Connection:	None.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	17		Latitude (decimal): 42.287778
Total Berthing Space (feet):	1,000		Longitude (decimal): -83.11972
Remarks:	Open storage area at rear has capacity for approximately 60,000 tons of coal. Smaller vehicles may approach dock via upper Delray Connecting Railroad bridge, 12 feet wide, from West Jefferson Avenue.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engns Waterway Code: 73012	Detroit District
Remarks:	Open storage area at rear has capacity for approximately 60,000 tons of coal. Smaller vehicles may approach dock via upper Delray Connecting Railroad bridge, 12 feet wide, from West Jefferson Avenue.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engns Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Remarks: Open storage area at rear has capacity for approximately 60,000 tons of coal. Smaller vehicles may approach dock via upper Delray Connecting Railroad bridge, 12 feet wide, from West Jefferson Avenue.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 73012 Detroit District

Port Facilities by Waterway

Waterway:	Rouge River, Old Channel	Mile: 1.0	PWD: 32
Name:	National Steel Corp., Great Lakes Division, Zug Island Area B Dock		
Port:	Detroit		
Location:	Right bank, Old Channel, Rouge River, approximately 0.5 mile below entrance from Rouge River, Zug Island		Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.		
Owner:	National Steel Corp., Great Lakes Division.		
Address:	Zug Island Road	Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne
Railway Connection:	None.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	17		Latitude (decimal): 42.287778
Total Berthing Space (feet):	1,000		Longitude (decimal): -83.11972
Waterway:	Rouge River, Old Channel	Mile: 1.0	PWD: 32
Name:	National Steel Corp., Great Lakes Division, Zug Island Area B Dock		
Port:	Detroit		
Location:	Right bank, Old Channel, Rouge River, approximately 0.5 mile below entrance from Rouge River, Zug Island		Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.		
Owner:	National Steel Corp., Great Lakes Division.		
Address:	Zug Island Road	Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne
Railway Connection:	None.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	17		Latitude (decimal): 42.287778
Total Berthing Space (feet):	1,000		Longitude (decimal): -83.11972
Waterway:	Rouge River, Old Channel	Mile: 1.0	PWD: 32
Name:	National Steel Corp., Great Lakes Division, Zug Island Area B Dock		
Port:	Detroit		
Location:	Right bank, Old Channel, Rouge River, approximately 0.5 mile below entrance from Rouge River, Zug Island		Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.		
Owner:	National Steel Corp., Great Lakes Division.		
Address:	Zug Island Road	Phone: 313/297-3426	
Town:	River Rouge	State: MI	County: Wayne
Railway Connection:	None.		
Purpose:	Receipt of coal by self-unloading vessel.		
Depth Alongside (feet):	17		Latitude (decimal): 42.287778
Total Berthing Space (feet):	1,000		Longitude (decimal): -83.11972
Remarks:	Open storage area at rear has capacity for approximately 60,000 tons of coal. Smaller vehicles may approach dock via upper Delray Connecting Railroad bridge, 12 feet wide, from West Jefferson Avenue.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District
Remarks:	Open storage area at rear has capacity for approximately 60,000 tons of coal. Smaller vehicles may approach dock via upper Delray Connecting Railroad bridge, 12 feet wide, from West Jefferson Avenue.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District

Port Facilities by Waterway

Remarks: Open storage area at rear has capacity for approximately 60,000 tons of coal. Smaller vehicles may approach dock via upper Delray Connecting Railroad bridge, 12 feet wide, from West Jefferson Avenue.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73012 Detroit District

Waterway: **Rouge River, Old Channel** Mile: 1.1 PWD: 31
 Name: **Jefferson Marine Terminal, Old Channel Wharf.**
 Port: Detroit
 Location: Left bank, Old Channel, Rouge River, approximately 0.3 mile below entrance from Datum: LWD
 Rouge River, Detroit.
 Operator: Jefferson Marine Terminal, Division of Edward C. Levy Co.
 Owner: Jefferson Marine Terminal, Division of Edward C. Levy Co.
 Address: 8941 West Jefferson Avenue Phone: 313/849-9243
 Town: Detroit State: MI County: Wayne
 Railway Connection: One surface track serving car-unloading pit at rear connects with Consolidated Rail Corporation.
 Purpose: Receipt of limestone and sand, and occasion receipt of slag, cement, and fly ash, all by self-unloading vessel.
 Depth Alongside (feet): 10 - 18 | 18 - 21 | Latitude (decimal): 42.286111
 Total Berthing Space (feet): 1,257 | Longitude (decimal): -83.12
 Remarks: Two 10-inch, cement and fly ash pipelines extend from upper portion to 8 concrete silos with 2 interstices located at rear, total capacity 26,000 tons of cement; total unloading rate 600 tons per hour for self-un. An open storage area with capacity for 77,000 tons of limestone and a ready-mix concrete batch plant operated by Clawson Concrete Co. are located at rear of lower portion.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 73012 Detroit District

Waterway: **Saginaw River** Mile: 0.0 PWD: 117
 Name: **Consumers Power Co., Essexville Wharf.**
 Port: Saginaw River
 Location: Right bank, Saginaw River, at mouth, Hampton Township. Datum: LWD
 Operator: Consumers Power Co.
 Owner: Consumers Power Co.
 Address: 2555 North Weadock Highway Phone: 517/895-0311
 Town: Hampton TWP State: MI County: Bay
 Railway Connection: Surface track serving rotary car dumper, rate 25 cars per hour, connects with CSX Transportation.
 Purpose: Receipt of coal by self-unloading vessel for plant consumption.
 Depth Alongside (feet): 18 | Latitude (decimal): 43.645278
 Total Berthing Space (feet): 2,664 | Longitude (decimal): -83.84722
 Remarks: John C. Weadock and Dan E. Karn electric-generating plants located in rear. The 350,000-ton capacity open storage area at rear of face is also served by radial stacker and 60-inch, electric belt conveyor extendi dumper, rate 2,600 tons per hour.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76069 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 1.3 PWD: 116
 Name: **U.S. Army, Corps of Engineers, Saginaw Area Projects Office Wharf**
 Port: Saginaw River
 Location: Right bank, Saginaw River, on lower side of inner end of slip, approximately 1.4 miles above mouth of ri Datum: LWD
 Operator: U.S. Army, Corps of Engineers.
 Owner: United States Government
 Address: 2445 Weadock Road Phone: 517/894-4951
 Town: Hampton TWP State: MI County: Bay
 Railway Connection: None.
 Purpose: Mooring and fueling government-owned vessels.
 Depth Alongside (feet): 8 | 0 - 8 | Latitude (decimal): 43.628056
 Total Berthing Space (feet): 200 | 105 | Longitude (decimal): -83.83722
 Remarks: A 14-foot wide, concrete launching ramp is located on the outer side of the wharf. One one-inch pipeline extends to wharf from one 1,000-gallon fuel storage tank at rear. Saginaw Area Projects Office is located rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 76069 Detroit District

Waterway: **Saginaw River** Mile: 1.3 PWD: 115
 Name: **U.S. Coast Guard, Saginaw River Station Wharf.**
 Port: Saginaw River
 Location: Right bank, Saginaw River, on upper side of inner end of slip, approximately 1.4 miles above mouth of ri Datum: LWD
 Operator: U.S. Coast Guard
 Owner: United States Government.
 Address: 2405 Weadock Road Phone: 517/892-0555
 Town: Hampton TWP State: MI County: Bay
 Railway Connection: None.
 Purpose: Mooring, fueling and servicing U.S. Coast Guard vessels.
 Depth Alongside (feet): 6 - 8 | | Latitude (decimal): 43.627778
 Total Berthing Space (feet): 110 | | Longitude (decimal): -83.83722
 Remarks: Two 1 1/2-inch pipelines extend to two fuel pumps on wharf from two steel storage tanks at rear, total capacity 1,250 gallons. Coast Guard Station is located at rear. Slip is approximately 120 feet wide at inne

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 76069 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 1.8 PWD: 81

Name: **Amoco Oil Co., Bay City Terminal Wharf.**

Port: Saginaw River

Location: Left bank, Saginaw River, on lower side of slip approximately 1.8 miles above mouth, Datum: LWD Bangor Township.

Operator: Amoco Oil Co.

Owner: Amoco Oil Co.

Address: 411 Tiernan Road Phone: 517/684-1533

Town: Bangor Township State: MI County: Bay

Railway Connection: None.

Purpose: Occasional receipt of petroleum products.

Depth Alongside (feet): 12 - 20 | | Latitude (decimal): 43.621111

Total Berthing Space (feet): 515 | | Longitude (decimal): -83.84444

Remarks: Slip is approximately 1,200 feet long and 130 feet wide at wharf. One 10-inch pipeline and six 6-inch becoming, by pairs, two 12- and one 10-inch pipelines extend from wharf to 10 steel storage tanks at terminal in 650,500 barrels. Storage tanks connect with cross-country pipeline system of the Buckeye Pipe Line Co.

Port Series: 45 Year of Last Survey: 1996 Corps of Eng'rs Waterway Code: 76070 Detroit District

Waterway: **Saginaw River** Mile: 1.9 PWD: 114

Name: **ESSROC Materials Inc., Aetna Cement Wharf.**

Port: Saginaw River

Location: Right bank, Saginaw River, approximately 0.8 mile below Lake State Railway bridge, Datum: LWD Essexville.

Operator: ESSROC Materials Inc., ESSROC Cement Group, Great Lakes Division, Aetna Cement

Owner: ESSROC Materials Inc.

Address: Foot of Main Street Phone: 517/894-4581

Town: Essexville State: MI County: Bay

Railway Connection: Plant trackage connects with CSX Transportation.

Purpose: Receipt of cement clinker and occasional receipt of limestone by self-unloading vessel.

Depth Alongside (feet): 22 - 25 | | Latitude (decimal): 43.618889

Total Berthing Space (feet): 850 | | Longitude (decimal): -83.84167

Remarks: Open storage area at rear has a maximum capacity of 250,000 tons of cement clinker. Cement plant in rear has storage capacity for 75,000 tons of cement in 24 silos.

Port Series: 45 Year of Last Survey: 1996 Corps of Eng'rs Waterway Code: 76069 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 13.3 PWD: 89

Name: **Burroughs Materials Corp., Saginaw Terminal Wharf.**

Port: Saginaw River

Location: Left bank, Saginaw River, approximately 0.9 mile below Interstate Highway 75 Bridge, Zilwaukee Township. Datum: LWD

Operator: Burroughs Materials Corp., North Division.

Owner: Burroughs Materials Corp.

Address: 6050 South Melbourne Road Phone: 517/753-5588

Town: Zilwaukee TWP State: MI County: Saginaw

Railway Connection: None.

Purpose: Receipt of miscellaneous dry bulk commodities by self-unloading vessel, including stone

Depth Alongside (feet): 18 - 22 | | Latitude (decimal): 43.495

Total Berthing Space (feet): 1,250 | | Longitude (decimal): -83.90361

Remarks: Ten acres of open storage area at rear has capacity for approximately 250,000 tons of stone and other materials. A ready-mix concrete plant is located at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76074 Detroit District

Waterway: **Saginaw River** Mile: 13.9 PWD: 90

Name: **Sargent Docks & Terminal Co., Zilwaukee Wharf.**

Port: Saginaw River

Location: Left bank, Saginaw River, approximately 0.2 mile below Interstate Highway 75 Bridge, Zilwaukee. Datum: LWD

Operator: Sargent Docks & Terminal Co., Inc.

Owner: Sargent Docks & Terminal Co., Inc.

Address: 5606 Westervelt Road Phone: 517/752-3101

Town: Zilwaukee State: MI County: Saginaw

Railway Connection: Two surface tracks at rear, one serving a hopper-car pit; connect with Central Michigan Railway.

Purpose: Receipt of miscellaneous dry bulk commodities by self-unloading vessel, including salt, coal, fertilizer and stone.

Depth Alongside (feet): 5 - 18 | - 22 | Latitude (decimal): 43.4875

Total Berthing Space (feet): 900 | 1,115 | Longitude (decimal): -83.91028

Remarks: Self-unloading vessels unload fertilizer directly to roof hatches in three storage domes located at rear of upper portion. Two domes are of timber construction above low concrete walls, one is of concrete, and a floors, total capacity 30,000 tons of fertilizer. Hopper-car pit serves a 36-inch belt conveyor extending to one storage dome, rate 3 cars per hour. A third dome of timber, concrete, and asphalt construction, providapproximately 10,000 square feet of storage area, and one 80- by 60-foot, steel-framed shed with metal covering above low concrete walls and floor, are located at rear of lower portion and used for stocommodities. Asphalt-paved open storage areas with capacity for 200,000 tons of sand, 100,000 tons of salt, and 60,000 tons of coal, and unpaved open storage areas with capacity for 300,000 tons ofSand is received by truck.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76074 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 14.6 PWD: 103

Name: **Saginaw Asphalt Paving Co., Buena Vista Dock.**

Port: Saginaw River

Location: Right bank, Saginaw River, approximately 0.2 mile above Interstate Highway 75 Datum: LWD
Bridge, Buena Vista Townsh

Operator: Saginaw Asphalt Paving Co.

Owner: Saginaw Asphalt Paving Co.

Address: 4711 Veterans Memorial Parkway Phone: 517/752-8594

Town: Buena Vista TWP State: MI County: Saginaw

Railway Connection: None.

Purpose: Receipt of miscellaneous dry bulk commodities by self-unloading vessel, including stone, sand, and salt.

Depth Alongside (feet): 22 | | Latitude (decimal): 43.4775

Total Berthing Space (feet): 1,050 | | Longitude (decimal): -83.91194

Remarks: Upper dolphins were in deteriorated condition at time of survey (1996). Approximately 14 acres of open storage area, with capacity for 100,000 tons of stone, are located in rear. Saginaw Asphalt Paving Co. and Co. operate two asphalt batch plants located in yard. International Materials, Inc. stores dry bulk commodities in yard.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 76077 Detroit District

Waterway: **Saginaw River** Mile: 14.9 PWD: 102

Name: **Bay Dock Co., Wirt Saginaw Stone Wharf.**

Port: Saginaw River

Location: Right bank, Saginaw River, approximately 0.5 mile above Interstate Highway 75 Datum: LWD
Bridge, Buena Vista Townsh

Operator: Bay Dock Co., Inc.

Owner: Mrs. Alice Wirt.

Address: 4700 Crow Island Road Phone: 517/753-6404

Town: Buena Vista TWP State: MI County: Saginaw

Railway Connection: None.

Purpose: Receipt of stone, sand, salt, potash and coal by self-unloading vessel; shipment of stone by barge.

Depth Alongside (feet): 16 - 22 | | Latitude (decimal): 43.473333

Total Berthing Space (feet): 1,800 | | Longitude (decimal): -83.90972

Remarks: At time of survey (1993), portions of bulkhead were in deteriorated condition. Self-unloading vessels unload directly to roof hatches in two storage domes of timber construction above low concrete walls, with as capacity for 18,000 tons of potash, both located at rear of lower portion of natural bank. Five acres of asphalt-paved and approximately 23 acres of unpaved open storage area, with capacity for 260,000 tons of dry bucommodities, are located at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 76077 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 15.3 PWD: 91

Name: **Saginaw Rock Products Co., Busch Marine Dock.**

Port: Saginaw River

Location: Left bank, Saginaw River, approximately 1.0 mile above Interstate Highway 75 Bridge, Zilwaukee. Datum: LWD

Operator: Busch Marine Inc.

Owner: Saginaw Rock Products Co.

Address: 4340 Seaway Drive Phone: 517/754-5861

Town: Zilwaukee State: MI County: Saginaw

Railway Connection: One surface track at rear; connects with Central Michigan Railway.

Purpose: Mooring company-owned tugboat and floating equipment.

Depth Alongside (feet): 8 - 10 | | Latitude (decimal): 43.468056

Total Berthing Space (feet): 600 | | Longitude (decimal): -83.91139

Remarks: Company moors tugboat 'Gregory J. Busch' and crane barge 'STC2004' at dock. □□

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76074 Detroit District

Waterway: **Saginaw River** Mile: 15.4 PWD: 92

Name: **Countrymark Cooperative, Saginaw Grain Terminal Wharf.**

Port: Saginaw River

Location: Left bank, Saginaw River, approximately 1.1 miles above Interstate Highway 75 Bridge, Zilwaukee. Datum: LWD

Operator: Countrymark Cooperative, Inc.

Owner: Countrymark Cooperative, Inc.

Address: 4330 Seaway Drive Phone: 517/752-2116

Town: Zilwaukee State: MI County: Saginaw

Railway Connection: Three surface tracks serve one hopper-car receiving pit and onecarloading spout; connect with Central Michigan Railway.

Purpose: Occasional shipment of grain.

Depth Alongside (feet): 9 - 14 | | Latitude (decimal): 43.466111

Total Berthing Space (feet): 556 | | Longitude (decimal): -83.91167

Remarks: Grain elevator located at rear has 36 silos, 12 interstices, and 12 peripheral bins, total storage capacity 2,000,000 bushels. □

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76074 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 16.2 PWD: 101

Name: **General Motors Corp., Saginaw Grey Iron Plant Wharf.**

Port: Saginaw River

Location: Right bank, Saginaw River, approximately 1.4 miles below CSX Transportation bridge, Saginaw. Datum: LWD

Operator: Not operated.

Owner: GM Powertrain Division, General Motors Corp.

Address: 1629 North Washington Avenue Phone: 517/757-1469

Town: Saginaw State: MI County: Saginaw

Railway Connection: None. (See Remarks)

Purpose: Not used.

Depth Alongside (feet): 20 - 22 | | Latitude (decimal): 43.456111

Total Berthing Space (feet): 843 | | Longitude (decimal): -83.91833

Remarks: Wharf formerly was used for receipt of sand. Approximately 140 acres of open storage areas are located above, below, and at rear of wharf. One metal-castings plant is located in rear. Two surface tracks on wha tracks at rear serve open storage area, but do not connect with other plant trackage.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76077 Detroit District

Waterway: **Saginaw River** Mile: 16.6 PWD: 93

Name: **Luntz Corp. Wharf.**

Port: Saginaw River

Location: Left bank, Saginaw River, approximately 1.1 miles below CSX Transportation bridge, Carrollton. Datum: LWD

Operator: Not operated.

Owner: Luntz Corp.

Address: 3666 Carrollton Road Phone: 517/754-6119

Town: Carrollton State: MI County: Saginaw

Railway Connection: Four marginal surface tracks along rear of bulkhead face join with additional trackage in storage yard at rear; connect with CSX Transportation and Central Michigan Railway.

Purpose: Not used.

Depth Alongside (feet): 20 | | Latitude (decimal): 43.456111

Total Berthing Space (feet): 600 | | Longitude (decimal): -83.925

Remarks: Wharf formerly was used for receipt of miscellaneous dry bulk commodities by self-unloading vessel. Approximately 50 acres of open storage area is located in rear. One 12,500-square foot warehouse with concrete concrete floor is located in yard. At time of survey (1995) all commodities stored at facility were transported by truck.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76075 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 16.7 PWD: 94

Name: **Lafarge Corp., Carrollton Sixth Street Wharf.**

Port: Saginaw River

Location: Left bank, Saginaw River, approximately 1.0 mile below CSX Transportation bridge, Datum: LWD Carrollton.

Operator: Lafarge Corp.

Owner: Lafarge Corp.

Address: 30 Mapleridge Road Phone: 517/753-5141

Town: Carrollton State: MI County: Saginaw

Railway Connection: One 450-foot surface track serves pneumatic car-unloader and plant at rear; connects with CSX Transportation and Central Michigan Railway.

Purpose: Receipt of bulk cement by self-unloading vessel.

Depth Alongside (feet): 20 | | Latitude (decimal): 43.455278

Total Berthing Space (feet): 545 | | Longitude (decimal): -83.92694

Remarks: Two 8-inch, pneumatic, unloading pipelines on wharf extend to 6 concrete, cement storage silos, total capacity 8,300 tons.□

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76075 Detroit District

Waterway: **Saginaw River** Mile: 16.9 PWD: 100

Name: **International Materials, Saginaw First Street Dock.**

Port: Saginaw River

Location: Right bank, Saginaw River, approximately 0.7 mile below CSX Transportation bridge, Datum: LWD Carrollton.

Operator: International Materials, Inc.

Owner: City of Saginaw

Address: North First Street Phone: 517/752-5971

Town: Saginaw State: MI County: Saginaw

Railway Connection: None.

Purpose: Receipt of miscellaneous dry bulk commodities by self-unloading vessel, including stone.

Depth Alongside (feet): 12 - 18 | | Latitude (decimal): 43.451667

Total Berthing Space (feet): 1,000 | | Longitude (decimal): -83.93139

Remarks: Facility was constructed subsequent to survey and is described as planned. Operator also plans to construct a steel sheet pile bulkhead with paved solid fill and to dredge a berth of increased depth alongside it acre of asphalt-paved, 0.2 acre of stone-paved, and 9.6 acres of unpaved open storage area is located at rear.

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76077 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 16.9 PWD: 95
 Name: **Peavey Co., Carrollton Elevator Wharf.**
 Port: Saginaw River
 Location: Left bank, Saginaw River, approximately 0.8 mile below CSX Transportation bridge, Datum: LWD
 Carrollton.
 Operator: Peavey Co., a division of ConAgra Co.
 Owner: Peavey Co., a division of ConAgra Co.
 Address: 3274 Carrollton Road Phone: 517/754-1469
 Town: Carrollton State: MI County: Saginaw
 Railway Connection: Three surface tracks, total length 3,600 feet, serve 2 hopper car receiving pits and 3
 carloading spouts; connect with CSX Transportation and Central Michigan Railway.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 20 | | Latitude (decimal): 43.453611
 Total Berthing Space (feet): 700 | | Longitude (decimal): -83.93083
 Remarks: Upper end of bulkhead is in line and contiguous with Saginaw Asphalt Paving Co.'s bulkhead (Ref. No.
 96), which provides, by mutual mooring agreement, an additional 44 feet of breasting distance. Grain
 elevator and 29 interstices with total storage capacity for 3,000,000 bushels. An open storage area
 with timber-crib walls located adjacent to elevator provides flat storage for an additional 400,000
 bushels.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 76075 Detroit District

Waterway: **Saginaw River** Mile: 17.0 PWD: 96
 Name: **Saginaw Asphalt Paving Co., Carrollton Dock.**
 Port: Saginaw River
 Location: Left bank, Saginaw River, approximately 0.7 mile below CSX Transportation bridge, Datum: LWD
 Carrollton.
 Operator: Saginaw Asphalt Paving Co.
 Owner: Saginaw Asphalt Paving Co.
 Address: 3200 Carrollton Road Phone: 517/752-5971
 Town: Carrollton State: MI County: Saginaw
 Railway Connection: One 400-foot surface track in rear, connects with CSX Transportation and Central
 Michigan Railway.
 Purpose: Receipt of miscellaneous dry bulk commodities by self-unloading vessel, including stone, sand, coal,
 and salt.
 Depth Alongside (feet): 20 | | Latitude (decimal): 43.4525
 Total Berthing Space (feet): 924 | | Longitude (decimal): -83.93278
 Remarks: Bulkhead is in line and contiguous with the Peavey Co. Carrollton Elevator Wharf bulkhead (Ref. No.
 95), which provides, by mutual mooring agreement, the lower 100 feet of berthing space.
 Approximately 2 acres o 8 acres of unpaved, open storage area, with capacity for approximately
 75,000 tons of stone, are located in rear of dock, including, by agreement, area between grain elevator
 and face of mutually-used portion of bulkhead. International Materials, Inc. stores dry bulk commodities in
 yard.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 76075 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 17.2 PWD: 99
 Name: **Saginaw Rock Products Co., Saginaw Dock.**
 Port: Saginaw River
 Location: Right bank, Saginaw River, approximately 0.4 mile below CSX Transportation bridge, Datum: LWD Saginaw.
 Operator: Saginaw Rock Products Co.
 Owner: Saginaw Rock Products Co. and City of Saginaw
 Address: 1701 North First Street Phone: 517/754-5861
 Town: Saginaw State: MI County: Saginaw
 Railway Connection: None.
 Purpose: Receipt of miscellaneous dry bulk commodities by self-unloading vessel, including stone and coal.
 Depth Alongside (feet): 10 - 20 | | Latitude (decimal): 43.448611
 Total Berthing Space (feet): 1,200 | | Longitude (decimal): -83.93472
 Remarks: Lower 250 feet of dock is owned by the City of Saginaw. Approximately 8 acres of concrete-paved, open storage area at rear has capacity for 220,000 tons of coal and 780,000 tons of stone. Ready-mix concrete pla

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 76077 Detroit District

Waterway: **Saginaw River** Mile: 17.3 PWD: 97
 Name: **Valley Asphalt Co. Dock.**
 Port: Saginaw River
 Location: Left bank, Saginaw River, approximately 0.3 mile below CSX Transportation bridge, Datum: LWD Carrollton.
 Operator: Valley Asphalt Co.
 Owner: Valley Asphalt Co.
 Address: 2981 Carrollton Road Phone: 517/754-1002
 Town: Carrollton State: MI County: Saginaw
 Railway Connection: None.
 Purpose: Receipt of stone and sand by self-unloading vessel.
 Depth Alongside (feet): 17 | | Latitude (decimal): 43.448333
 Total Berthing Space (feet): 725 | | Longitude (decimal): -83.93722
 Remarks: Approximately 13 acres of open storage area located at rear, and an additional 6 acres located on the opposite side of Carrollton Road, have a total capacity for 200,000 tons of stone and sand. An asphalt batch on opposite side of Carrollton Road.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 76075 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 17.4 PWD: 98
 Name: **Carrollton Concrete Mix Dock.**
 Port: Saginaw River
 Location: Left bank, Saginaw River, below CSX Transportation bridge, Carrollton. Datum: LWD
 Operator: Carrollton Concrete Mix, Inc.
 Owner: Carrollton Concrete Mix, Inc.
 Address: 2924 Carrollton Road Phone: 517/752-7139
 Town: Carrollton State: MI County: Saginaw
 Railway Connection: None.
 Purpose: Receipt of stone by self-unloading vessel.
 Depth Alongside (feet): 10 - 20 | | Latitude (decimal): 43.446389
 Total Berthing Space (feet): 850 | | Longitude (decimal): -83.93833
 Remarks: Open storage area at rear has capacity for approximately 100,000 tons of stone. Carrollton Concrete Mix, Inc. operates a ready-mix concrete plant located in rear. Carrollton Paving Co. owns an asphalt batch plant which was not operated at time of survey (1996).

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76075 Detroit District

Waterway: **Saginaw River** Mile: 2.1 PWD: 113
 Name: **Carrollton Paving Co., Essexville Dock.**
 Port: Saginaw River
 Location: Right bank, Saginaw River, approximately 0.7 mile below Lake State Railway bridge, Datum: LWD
 Essexville.
 Operator: Carrollton Paving Co., Inc.
 Owner: Carrollton Paving Co., Inc.
 Address: 1500 Main Street Phone: 517/752-7139
 Town: Essexville State: MI County: Bay
 Railway Connection: None.
 Purpose: Occasional receipt of limestone by self-unloading vessel.
 Depth Alongside (feet): 18 - 20 | | Latitude (decimal): 43.617222
 Total Berthing Space (feet): 800 | | Longitude (decimal): -83.84417
 Remarks: Approximately 6 acres of open storage area is located at rear.□□

Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76069 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 2.4 PWD: 82

Name: **DowBrands L.P., Bay City Seaway Terminal Wharf.**

Port: Saginaw River

Location: Left bank, Saginaw River, approximately 0.3 mile below Lake State Railway bridge, Datum: LWD Bangor Township.

Operator: DowBrands L.P., a subsidiary of Dow Chemical USA

Owner: Dow Chemical USA.

Address: 4868 East Wilder Road Phone: 517/638-1027

Town: Bangor Township State: MI County: Bay

Railway Connection: One surface track at rear; connects with Lake State Railway.

Purpose: Receipt of calcium chloride by barge; occasional receipt of liquid UAN fertilizer by vessel.

Depth Alongside (feet): 25 | | Latitude (decimal): 43.616111

Total Berthing Space (feet): 990 | | Longitude (decimal): -83.85083

Remarks: One 6-inch, UAN fertilizer pipeline and one 10-inch, calcium chloride pipeline become one 10-inch pipeline extending from wharf to three UAN fertilizer storage tanks, total capacity 10,080,000 gallons, and two ca storage tanks, total capacity 6,720,000 gallons. Seaway Terminal facilities, formerly used for receipt and shipment of conventional general cargo, are located at rear of apron and are comprised of four buildings with 43,000 square feet of storage space, and approximately 0.5 acre of paved and 10 acres of unpaved open storage area. Operator uses the buildings, one timber- and three steel-framed, all metal-covered w

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 76070 Detroit District

Waterway: **Saginaw River** Mile: 2.4 PWD: 112

Name: **Sand & Stone Dock.**

Port: Saginaw River

Location: Right bank, Saginaw River, approximately 0.3 mile below Lake State Railway bridge, Datum: LWD Essexville.

Operator: Sand & Stone, Inc. and Saginaw Bay Fertilizer, Inc.

Owner: Sand & Stone, Inc.

Address: 1008 Scheurmann Street Phone: 517/684-5777

Town: Essexville State: MI County: Bay

Railway Connection: One surface track at rear serving hopper-car pit and car-loading spout, connects with CSX Transportation and Central Michigan Railway.

Purpose: Receipt of miscellaneous dry bulk commodities by self-unloading vessel, including limestone and potash and other fertilizers.

Depth Alongside (feet): 15 - 25 | | Latitude (decimal): 43.613889

Total Berthing Space (feet): 1,400 | | Longitude (decimal): -83.85

Remarks: Self-unloading vessels unload directly to roof hatches in one storage shed with capacity for 45,000 tons of potash, and three storage domes with a total capacity for 30,000 tons of potash, located at rear of uppe All are of timber construction above low concrete walls, with asphalt floors. Hopper-car pit serves a radial stacker with 36-inch belt conveyor serving an overhead stacker in storage shed and roof hatches on domes, rhour, and a portable truck-loading conveyor. Car-loading spout is served by a bucket elevator from a truck pit. Approximately 3.8 acres of open storage area with capacity for 70,000 tons of limestone of wharf.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 76069 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 2.5 PWD: 111

Name: **Wirt Overseas Blending and Transfer Co. Wharf.**

Port: Saginaw River

Location: Right bank, Saginaw River, approximately 0.2 mile below Lake State Railway bridge, Datum: LWD Essexville.

Operator: Wirt Overseas Blending and Transfer Co.

Owner: Jack Wirt d.b.a. Wirt Overseas Blending and Transfer Co.

Address: 1008 Scheurmann Street Phone: 517/684-5777

Town: Essexville State: MI County: Bay

Railway Connection: One surface track at rear described under Ref. No. 112, connects with CSX Transportation and Central Michigan Railway.

Purpose: Occasional receipt of miscellaneous dry bulk commodities by self-unloading vessel, including fertilizer and cement clinker. (See Remarks)

Depth Alongside (feet): 25 | | Latitude (decimal): 43.613333

Total Berthing Space (feet): 560 | | Longitude (decimal): -83.8525

Remarks: Wharf formerly was used for shipment of beet pulp pellets and is available for handling grain. Storage shed is steel frame, metal-covered above low concrete walls, with concrete floor, and has storage volume of cubic feet, with capacity for 11,000 tons of fertilizer or beet pulp pellets.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 76069 Detroit District

Waterway: **Saginaw River** Mile: 2.6 PWD: 110

Name: **Triple Clean Liquifuels Wharf.**

Port: Saginaw River

Location: Right bank, Saginaw River, approximately 800 feet below Lake State Railway bridge, Datum: LWD Essexville.

Operator: Triple Clean Liquifuels, Inc.

Owner: Triple Clean Liquifuels, Inc.

Address: 309 Woodside Avenue Phone: 517/893-3065

Town: Essexville State: MI County: Bay

Railway Connection: None.

Purpose: Receipt of petroleum products.

Depth Alongside (feet): 25 | | Latitude (decimal): 43.6125

Total Berthing Space (feet): 170 | | Longitude (decimal): -83.85361

Remarks: Two 8- and one 8- becoming 6-inch pipelines extend from wharf to 2 steel storage tanks in rear and to 4 steel storage tanks located at terminal, approximately 1,300 feet upstream, total capacity 183,000 barrels.

Port Series: 45 Year of Last Survey: 1996 Corps of Engrs Waterway Code: 76069 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 3.2 PWD: 83
 Name: **Total Petroleum, Bay City Terminal Wharf.**
 Port: Saginaw River
 Location: Left bank, Saginaw River, approximately 0.3 mile above Lake State Railway bridge, Datum: LWD
 Bangor Township.
 Operator: Total Petroleum, Inc.
 Owner: Total Petroleum, Inc.
 Address: 1806 Marquette Avenue Phone: 517/684-1283
 Town: Bangor Township State: MI County: Bay
 Railway Connection: None.
 Purpose: Receipt and shipment of petroleum products.
 Depth Alongside (feet): 23 | | Latitude (decimal): 43.614444
 Total Berthing Space (feet): 450 | | Longitude (decimal): -83.86444
 Remarks: Two becoming one 12- and two becoming one 10-inch pipelines extend from wharf to 11 steel storage tanks located at rear, total capacity 530,000 barrels. The tanks also receive petroleum products by overland pipe refinery located at Alma, Michigan.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 76070 Detroit District

Waterway: **Saginaw River** Mile: 3.9 PWD: 84
 Name: **Wirt Transport Co., Bay City Stone Dock.**
 Port: Saginaw River
 Location: Left bank, Saginaw River, approximately 350 feet above Independence Bridge, Bay City, Datum: LWD
 Operator: Wirt Transport Co.
 Owner: Jack Wirt d.b.a. Wirt Transport Co.
 Address: 400 Martin Street Phone: 517/684-5777
 Town: Bay City State: MI County: Bay
 Railway Connection: One surface track serving open storage area at rear connects with Central Michigan Railway.
 Purpose: Receipt of stone, coal, and salt by self-unloading vessel, and occasional shipment of stone by barge.
 Depth Alongside (feet): 25 | | Latitude (decimal): 43.613333
 Total Berthing Space (feet): 2,500 | | Longitude (decimal): -83.87778
 Remarks: Open storage area at rear has capacity for approximately 220,000 tons of dry bulk commodities. □

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 76070 Detroit District

Port Facilities by Waterway

Waterway: Saginaw River	Mile: 4.3	PWD: 86
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Name: **Fletcher Marine Terminal, Ship Wharf.**
 Port: Saginaw River
 Location: Left bank, Saginaw River, approximately 0.3 mile below Central Michigan Railway bridge, Bay City. Datum: LWD
 Operator: Not operated.
 Owner: Fletcher Oil Co., Inc.
 Address: 800 Marquette Avenue Phone: 517/684-3983
 Town: Bay City State: MI County: Bay
 Railway Connection: One surface track serving tank car-unloading rack in terminal in rear; connects with Central Michigan Railway.
 Purpose: Not used. (See Remarks)
 Depth Alongside (feet): 25 | | Latitude (decimal): 43.610278
 Total Berthing Space (feet): 260 | | Longitude (decimal): -83.88722

Waterway: Saginaw River	Mile: 4.3	PWD: 86
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Name: **Fletcher Marine Terminal, Ship Wharf.**
 Port: Saginaw River
 Location: Left bank, Saginaw River, approximately 0.3 mile below Central Michigan Railway bridge, Bay City. Datum: LWD
 Operator: Not operated.
 Owner: Fletcher Oil Co., Inc.
 Address: 800 Marquette Avenue Phone: 517/684-3983
 Town: Bay City State: MI County: Bay
 Railway Connection: One surface track serving tank car-unloading rack in terminal in rear; connects with Central Michigan Railway.
 Purpose: Not used. (See Remarks)
 Depth Alongside (feet): 25 | | Latitude (decimal): 43.610278
 Total Berthing Space (feet): 260 | | Longitude (decimal): -83.88722

Remarks: In 1996 wharf was maintained on a standby basis. One 8-inch pipeline extends from wharf to three liquid ammonium nitrate fertilizer storage tanks at terminal in rear, total capacity 4,350,000 gallons. One 3-inc extends from wharf to truck-loading racks in rear.

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76070	Detroit District
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Remarks: In 1996 wharf was maintained on a standby basis. One 8-inch pipeline extends from wharf to three liquid ammonium nitrate fertilizer storage tanks at terminal in rear, total capacity 4,350,000 gallons. One 3-inc extends from wharf to truck-loading racks in rear.

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76070	Detroit District
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Port Facilities by Waterway

Waterway: Saginaw River	Mile: 4.3	PWD: 86
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Name: **Fletcher Marine Terminal, Ship Wharf.**
 Port: Saginaw River
 Location: Left bank, Saginaw River, approximately 0.3 mile below Central Michigan Railway bridge, Bay City. Datum: LWD
 Operator: Not operated.
 Owner: Fletcher Oil Co., Inc.
 Address: 800 Marquette Avenue Phone: 517/684-3983
 Town: Bay City State: MI County: Bay
 Railway Connection: One surface track serving tank car-unloading rack in terminal in rear; connects with Central Michigan Railway.
 Purpose: Not used. (See Remarks)
 Depth Alongside (feet): 25 | | Latitude (decimal): 43.610278
 Total Berthing Space (feet): 260 | | Longitude (decimal): -83.88722

Waterway: Saginaw River	Mile: 4.3	PWD: 86
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Name: **Fletcher Marine Terminal, Ship Wharf.**
 Port: Saginaw River
 Location: Left bank, Saginaw River, approximately 0.3 mile below Central Michigan Railway bridge, Bay City. Datum: LWD
 Operator: Not operated.
 Owner: Fletcher Oil Co., Inc.
 Address: 800 Marquette Avenue Phone: 517/684-3983
 Town: Bay City State: MI County: Bay
 Railway Connection: One surface track serving tank car-unloading rack in terminal in rear; connects with Central Michigan Railway.
 Purpose: Not used. (See Remarks)
 Depth Alongside (feet): 25 | | Latitude (decimal): 43.610278
 Total Berthing Space (feet): 260 | | Longitude (decimal): -83.88722

Remarks: In 1996 wharf was maintained on a standby basis. One 8-inch pipeline extends from wharf to three liquid ammonium nitrate fertilizer storage tanks at terminal in rear, total capacity 4,350,000 gallons. One 3-inc extends from wharf to truck-loading racks in rear.

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76070	Detroit District
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Remarks: In 1996 wharf was maintained on a standby basis. One 8-inch pipeline extends from wharf to three liquid ammonium nitrate fertilizer storage tanks at terminal in rear, total capacity 4,350,000 gallons. One 3-inc extends from wharf to truck-loading racks in rear.

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76070	Detroit District
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Port Facilities by Waterway

Waterway: Saginaw River	Mile: 4.3	PWD: 85
Name: Fletcher Marine Terminal, Tugboat Wharf.		
Port: Saginaw River		
Location: Left bank, Saginaw River, approximately 0.4 mile below Central Michigan Railway bridge, Bay City.		Datum: LWD
Operator: Fletcher Oil Co., Inc.		
Owner: Fletcher Oil Co., Inc.		
Address: 800 Marquette Avenue		Phone: 517/684-3983
Town: Bay City	State: MI	County: Bay
Railway Connection: None.		
Purpose: Mooring tugboat and other small craft.		
Depth Alongside (feet): 12		Latitude (decimal): 43.611111
Total Berthing Space (feet): 188		Longitude (decimal): -83.88583

Waterway: Saginaw River	Mile: 4.3	PWD: 85
Name: Fletcher Marine Terminal, Tugboat Wharf.		
Port: Saginaw River		
Location: Left bank, Saginaw River, approximately 0.4 mile below Central Michigan Railway bridge, Bay City.		Datum: LWD
Operator: Fletcher Oil Co., Inc.		
Owner: Fletcher Oil Co., Inc.		
Address: 800 Marquette Avenue		Phone: 517/684-3983
Town: Bay City	State: MI	County: Bay
Railway Connection: None.		
Purpose: Mooring tugboat and other small craft.		
Depth Alongside (feet): 12		Latitude (decimal): 43.611111
Total Berthing Space (feet): 188		Longitude (decimal): -83.88583

Remarks: In 1996 Ferris Marine Contracting, Inc. based the tugboat/launch 'Norma B.' at wharf. ☐

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76070	Detroit District
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Remarks: In 1996 Ferris Marine Contracting, Inc. based the tugboat/launch 'Norma B.' at wharf. ☐

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76070	Detroit District
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Port Facilities by Waterway

Waterway: Saginaw River	Mile: 4.3	PWD: 85
Name: Fletcher Marine Terminal, Tugboat Wharf.		
Port: Saginaw River		
Location: Left bank, Saginaw River, approximately 0.4 mile below Central Michigan Railway bridge, Bay City.		Datum: LWD
Operator: Fletcher Oil Co., Inc.		
Owner: Fletcher Oil Co., Inc.		
Address: 800 Marquette Avenue		Phone: 517/684-3983
Town: Bay City	State: MI	County: Bay
Railway Connection: None.		
Purpose: Mooring tugboat and other small craft.		
Depth Alongside (feet): 12		Latitude (decimal): 43.611111
Total Berthing Space (feet): 188		Longitude (decimal): -83.88583

Waterway: Saginaw River	Mile: 4.3	PWD: 85
Name: Fletcher Marine Terminal, Tugboat Wharf.		
Port: Saginaw River		
Location: Left bank, Saginaw River, approximately 0.4 mile below Central Michigan Railway bridge, Bay City.		Datum: LWD
Operator: Fletcher Oil Co., Inc.		
Owner: Fletcher Oil Co., Inc.		
Address: 800 Marquette Avenue		Phone: 517/684-3983
Town: Bay City	State: MI	County: Bay
Railway Connection: None.		
Purpose: Mooring tugboat and other small craft.		
Depth Alongside (feet): 12		Latitude (decimal): 43.611111
Total Berthing Space (feet): 188		Longitude (decimal): -83.88583

Remarks: In 1996 Ferris Marine Contracting, Inc. based the tugboat/launch 'Norma B.' at wharf. ☐

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76070	Detroit District
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Remarks: In 1996 Ferris Marine Contracting, Inc. based the tugboat/launch 'Norma B.' at wharf. ☐

Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76070	Detroit District
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Port Facilities by Waterway

Waterway: Saginaw River	Mile: 5.2	PWD: 109
Name: City of Bay City, Wenonah Park Wharf.		
Port: Saginaw River		
Location: Right bank, Saginaw River, below Veterans Memorial Bridge, Bay City.	Datum: LWD	
Operator: U.S. Environmental Protection Agency and City of Bay City		
Owner: City of Bay City.		
Address: 24 Sixth Street	Phone: 517/894-8314	
Town: Bay City	State: MI	County: Bay
Railway Connection: None.		
Purpose: Mooring U.S. Environmental Protection Agency vessels; occasional landing of passengers from excursion vessels and mooring of vessels on exhibition; mooring miscellaneous small craft.		
Depth Alongside (feet): 14 - 16	Latitude (decimal): 43.597778	
Total Berthing Space (feet): 1,150	Longitude (decimal): -83.89222	
Remarks: A wastewater treatment plant outfall is located between the two sections of steel sheet piling, and the plant is located at the rear of the lower, 250-foot section. The U.S. Environmental Protection Agency moors Guardian' and the 'R/V Hydra' along approximately 300 feet of the upper section. The uppermost 400 feet is used for mooring miscellaneous small craft. A city park and public parking lots are located at the rear of t		
Port Series: 45	Year of Last Survey: 1996	Corps of Engrs Waterway Code: 76071
		Detroit District

Port Facilities by Waterway

Waterway:	Saginaw River	Mile: 5.5	PWD: 108
Name:	Bay Aggregate, Bay City Wharf.		
Port:	Saginaw River		
Location:	Right bank, Saginaw River, approximately 700 feet above Veterans Memorial Bridge, Datum: LWD Bay City.		
Operator:	Bay Aggregate, Inc.		
Owner:	A. J. Fisher, et al.		
Address:	301 North Water Street	Phone:	517/892-6191
Town:	Bay City	State:	MI
		County:	Bay
Railway Connection:	None.		
Purpose:	Receipt of stone by self-unloading vessel.		
Depth Alongside (feet):	12 - 13 15 - 20	Latitude (decimal):	43.593333
Total Berthing Space (feet):	860	Longitude (decimal):	-83.89361
Waterway:	Saginaw River	Mile: 5.5	PWD: 108
Name:	Bay Aggregate, Bay City Wharf.		
Port:	Saginaw River		
Location:	Right bank, Saginaw River, approximately 700 feet above Veterans Memorial Bridge, Datum: LWD Bay City.		
Operator:	Bay Aggregate, Inc.		
Owner:	A. J. Fisher, et al.		
Address:	301 North Water Street	Phone:	517/892-6191
Town:	Bay City	State:	MI
		County:	Bay
Railway Connection:	None.		
Purpose:	Receipt of stone by self-unloading vessel.		
Depth Alongside (feet):	12 - 13 15 - 20	Latitude (decimal):	43.593333
Total Berthing Space (feet):	860	Longitude (decimal):	-83.89361
Remarks:	Open storage area at rear has capacity for a maximum of 100,000 tons of stone and 25,000 tons of sand; sand is received by truck. Hopper in open storage area serves a 30-inch, electric conveyor extending to a re plant in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76071	Detroit District
Remarks:	Open storage area at rear has capacity for a maximum of 100,000 tons of stone and 25,000 tons of sand; sand is received by truck. Hopper in open storage area serves a 30-inch, electric conveyor extending to a re plant in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76071	Detroit District

Port Facilities by Waterway

Waterway:	Saginaw River	Mile: 5.5	PWD: 108
Name:	Bay Aggregate, Bay City Wharf.		
Port:	Saginaw River		
Location:	Right bank, Saginaw River, approximately 700 feet above Veterans Memorial Bridge, Datum: LWD Bay City.		
Operator:	Bay Aggregate, Inc.		
Owner:	A. J. Fisher, et al.		
Address:	301 North Water Street	Phone:	517/892-6191
Town:	Bay City	State:	MI
		County:	Bay
Railway Connection:	None.		
Purpose:	Receipt of stone by self-unloading vessel.		
Depth Alongside (feet):	12 - 13 15 - 20	Latitude (decimal):	43.593333
Total Berthing Space (feet):	860	Longitude (decimal):	-83.89361
Waterway:	Saginaw River	Mile: 5.5	PWD: 108
Name:	Bay Aggregate, Bay City Wharf.		
Port:	Saginaw River		
Location:	Right bank, Saginaw River, approximately 700 feet above Veterans Memorial Bridge, Datum: LWD Bay City.		
Operator:	Bay Aggregate, Inc.		
Owner:	A. J. Fisher, et al.		
Address:	301 North Water Street	Phone:	517/892-6191
Town:	Bay City	State:	MI
		County:	Bay
Railway Connection:	None.		
Purpose:	Receipt of stone by self-unloading vessel.		
Depth Alongside (feet):	12 - 13 15 - 20	Latitude (decimal):	43.593333
Total Berthing Space (feet):	860	Longitude (decimal):	-83.89361
Remarks:	Open storage area at rear has capacity for a maximum of 100,000 tons of stone and 25,000 tons of sand; sand is received by truck. Hopper in open storage area serves a 30-inch, electric conveyor extending to a re plant in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76071	Detroit District
Remarks:	Open storage area at rear has capacity for a maximum of 100,000 tons of stone and 25,000 tons of sand; sand is received by truck. Hopper in open storage area serves a 30-inch, electric conveyor extending to a re plant in rear.		
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76071	Detroit District

Port Facilities by Waterway

Waterway:	Saginaw River	Mile: 5.8	PWD: 107
Name:	Bay Aggregate, I.B. Industrial Park Wharf.		
Port:	Saginaw River		
Location:	Right bank, Saginaw River, approximately 0.3 mile above Veterans Memorial Bridge, Datum: LWD Bay City.		
Operator:	Bay Aggregate, Inc.		
Owner:	A. J. Fisher, et al.		
Address:	112 North Water Street	Phone:	517/894-2963
Town:	Bay City	State:	MI
		County:	Bay
Railway Connection:	None.		
Purpose:	Receipt of stone by self-unloading vessel.		
Depth Alongside (feet):	10 - 12 10 - 12	Latitude (decimal):	43.590278
Total Berthing Space (feet):	1,320	Longitude (decimal):	-83.89444
Waterway:	Saginaw River	Mile: 5.8	PWD: 107
Name:	Bay Aggregate, I.B. Industrial Park Wharf.		
Port:	Saginaw River		
Location:	Right bank, Saginaw River, approximately 0.3 mile above Veterans Memorial Bridge, Datum: LWD Bay City.		
Operator:	Bay Aggregate, Inc.		
Owner:	A. J. Fisher, et al.		
Address:	112 North Water Street	Phone:	517/894-2963
Town:	Bay City	State:	MI
		County:	Bay
Railway Connection:	None.		
Purpose:	Receipt of stone by self-unloading vessel.		
Depth Alongside (feet):	10 - 12 10 - 12	Latitude (decimal):	43.590278
Total Berthing Space (feet):	1,320	Longitude (decimal):	-83.89444
Remarks:	Open storage area at rear has capacity for 50,000 tons of stone. Three buildings at rear are used as private warehouses.□		
Port Series:	45	Year of Last Survey:	1996
		Corps of Engnrs Waterway Code:	76071
			Detroit District
Remarks:	Open storage area at rear has capacity for 50,000 tons of stone. Three buildings at rear are used as private warehouses.□		
Port Series:	45	Year of Last Survey:	1996
		Corps of Engnrs Waterway Code:	76071
			Detroit District

Port Facilities by Waterway

Waterway:	Saginaw River	Mile: 5.8	PWD: 107
Name:	Bay Aggregate, I.B. Industrial Park Wharf.		
Port:	Saginaw River		
Location:	Right bank, Saginaw River, approximately 0.3 mile above Veterans Memorial Bridge, Datum: LWD Bay City.		
Operator:	Bay Aggregate, Inc.		
Owner:	A. J. Fisher, et al.		
Address:	112 North Water Street	Phone:	517/894-2963
Town:	Bay City	State:	MI
		County:	Bay
Railway Connection:	None.		
Purpose:	Receipt of stone by self-unloading vessel.		
Depth Alongside (feet):	10 - 12 10 - 12	Latitude (decimal):	43.590278
Total Berthing Space (feet):	1,320	Longitude (decimal):	-83.89444
Waterway:	Saginaw River	Mile: 5.8	PWD: 107
Name:	Bay Aggregate, I.B. Industrial Park Wharf.		
Port:	Saginaw River		
Location:	Right bank, Saginaw River, approximately 0.3 mile above Veterans Memorial Bridge, Datum: LWD Bay City.		
Operator:	Bay Aggregate, Inc.		
Owner:	A. J. Fisher, et al.		
Address:	112 North Water Street	Phone:	517/894-2963
Town:	Bay City	State:	MI
		County:	Bay
Railway Connection:	None.		
Purpose:	Receipt of stone by self-unloading vessel.		
Depth Alongside (feet):	10 - 12 10 - 12	Latitude (decimal):	43.590278
Total Berthing Space (feet):	1,320	Longitude (decimal):	-83.89444
Remarks:	Open storage area at rear has capacity for 50,000 tons of stone. Three buildings at rear are used as private warehouses.□		
Port Series:	45	Year of Last Survey:	1996
		Corps of Engnrs Waterway Code:	76071
			Detroit District
Remarks:	Open storage area at rear has capacity for 50,000 tons of stone. Three buildings at rear are used as private warehouses.□		
Port Series:	45	Year of Last Survey:	1996
		Corps of Engnrs Waterway Code:	76071
			Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 5.9 PWD: 106
 Name: **City of Bay City, Parcel No. 9 Dock.**
 Port: Saginaw River
 Location: Right bank, Saginaw River, approximately 0.5 mile below Lafayette Bridge, Bay City. Datum: LWD
 Operator: Not operated.
 Owner: City of Bay City
 Address: 300 South Water Street Phone: 517/894-8154
 Town: Bay City State: MI County: Bay
 Railway Connection: None.
 Purpose: Not used.
 Depth Alongside (feet): 12 - 15 | | Latitude (decimal): 43.587778
 Total Berthing Space (feet): 470 | | Longitude (decimal): -83.89528
 Remarks: At time of survey (1996), City of Bay City planned to clear property and develop it for non-heavy-industrial uses. Dock formerly was used for receipt of stone by self-unloading vessel.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 76071 Detroit District

Waterway: **Saginaw River** Mile: 6.1 PWD: 105
 Name: **City of Bay City, Parcel No. 10 Dock.**
 Port: Saginaw River
 Location: Right bank, Saginaw River, approximately 0.3 mile below Lafayette Bridge, Bay City. Datum: LWD
 Operator: Not operated.
 Owner: City of Bay City
 Address: 612 South Water Street Phone: 517/894-8154
 Town: Bay City State: MI County: Bay
 Railway Connection: None.
 Purpose: Not used.
 Depth Alongside (feet): 22 | | Latitude (decimal): 43.585833
 Total Berthing Space (feet): 1,068 | | Longitude (decimal): -83.89611
 Remarks: At time of survey (1996), City of Bay City planned to remove two asphalt batch plants located at rear, clear property and develop it for non-heavy-industrial uses. Wharf formerly was used for receipt of stone, s self-unloading vessel.

Port Series: 45 Year of Last Survey: 1996 Corps of Engnrs Waterway Code: 76071 Detroit District

Port Facilities by Waterway

Waterway: **Saginaw River** Mile: 7.6 PWD: 104
Name: **Saginaw Valley Marine Terminal Wharf.**
Port: Saginaw River
Location: Right bank, Main Channel, Saginaw River, approximately 1.0 mile above Lafayette Bridge, Bay City. Datum: LWD
Operator: Saginaw Valley Marine Terminal and Warehouse, Inc.
Owner: Saginaw Valley Marine Terminal and Warehouse, Inc.
Address: 700 Harrison Street Phone: 517/895-8571
Town: Bay City State: MI County: Bay
Railway Connection: One 2-car capacity, part surface, part door-level track at rear of larger warehouse; connects with CSX Transportation.
Purpose: Occasional receipt and shipment of conventional general cargo.
Depth Alongside (feet): 17 - 22 | | Latitude (decimal): 43.564722
Total Berthing Space (feet): 550 | | Longitude (decimal): -83.90361
Remarks: Two timber-frame, metal-covered buildings used as storage warehouses, with 17,000 and 7,000 square feet of storage space (S.W. Ref. No. 10), and approximately 4 acres of open storage area are located at rear. La warehouse, formerly used as a transit shed, is located at rear of apron and has two access doors on ship side, one at rear, and one on lower side, one rail-loading door at rear, and one truck-loading door on upper side
Port Series: 45 Year of Last Survey: 1996 Corps of Engns Waterway Code: 76071 Detroit District

Port Facilities by Waterway

Waterway:	Saginaw River		Mile: 7.7	PWD: 87
Name:	William W. Stender, Lower Wharf Mooring.			
Port:	Saginaw River			
Location:	Left bank, Main Channel, Saginaw River, approximately 1.2 miles above Lafayette Bridge, Middle Ground, B		Datum: LWD	
Operator:	William W. Stender, Inc.			
Owner:	William W. Stender, Inc.			
Address:	1700 Evergreen Drive		Phone: 517/684-4020	
Town:	Bay City	State: MI	County: Bay	
Railway Connection:	None.			
Purpose:	Mooring company-owned floating equipment.			
Depth Alongside (feet):	12 - 15		6 - 8	Latitude (decimal): 43.5625
Total Berthing Space (feet):	350		150	Longitude (decimal): -83.90583
Waterway:	Saginaw River		Mile: 7.7	PWD: 87
Name:	William W. Stender, Lower Wharf Mooring.			
Port:	Saginaw River			
Location:	Left bank, Main Channel, Saginaw River, approximately 1.2 miles above Lafayette Bridge, Middle Ground, B		Datum: LWD	
Operator:	William W. Stender, Inc.			
Owner:	William W. Stender, Inc.			
Address:	1700 Evergreen Drive		Phone: 517/684-4020	
Town:	Bay City	State: MI	County: Bay	
Railway Connection:	None.			
Purpose:	Mooring company-owned floating equipment.			
Depth Alongside (feet):	12 - 15		6 - 8	Latitude (decimal): 43.5625
Total Berthing Space (feet):	350		150	Longitude (decimal): -83.90583
Remarks:	Structure formerly was a 210- by 8-foot, timber pile, timber-decked, offshore wharf with 45- by 8-foot angular approach to upper end, providing, with the two breasting dolphins, 350 feet of breasting distance. F and rows of breasting piles extended from the rear of the face, forming five 30-foot wide stalls for mooring small craft. Owner plans to rebuild wharf, but had not started construction in 1995.			
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76071	Detroit District	
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Remarks:	Structure formerly was a 210- by 8-foot, timber pile, timber-decked, offshore wharf with 45- by 8-foot angular approach to upper end, providing, with the two breasting dolphins, 350 feet of breasting distance. F and rows of breasting piles extended from the rear of the face, forming five 30-foot wide stalls for mooring small craft. Owner plans to rebuild wharf, but had not started construction in 1995.			
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76071	Detroit District	

Port Facilities by Waterway

Waterway:	Saginaw River		Mile: 7.7	PWD: 87
Name:	William W. Stender, Lower Wharf Mooring.			
Port:	Saginaw River			
Location:	Left bank, Main Channel, Saginaw River, approximately 1.2 miles above Lafayette Bridge, Middle Ground, B		Datum: LWD	
Operator:	William W. Stender, Inc.			
Owner:	William W. Stender, Inc.			
Address:	1700 Evergreen Drive		Phone: 517/684-4020	
Town:	Bay City	State: MI	County: Bay	
Railway Connection:	None.			
Purpose:	Mooring company-owned floating equipment.			
Depth Alongside (feet):	12 - 15		6 - 8	Latitude (decimal): 43.5625
Total Berthing Space (feet):	350		150	Longitude (decimal): -83.90583
Waterway:	Saginaw River		Mile: 7.7	PWD: 87
Name:	William W. Stender, Lower Wharf Mooring.			
Port:	Saginaw River			
Location:	Left bank, Main Channel, Saginaw River, approximately 1.2 miles above Lafayette Bridge, Middle Ground, B		Datum: LWD	
Operator:	William W. Stender, Inc.			
Owner:	William W. Stender, Inc.			
Address:	1700 Evergreen Drive		Phone: 517/684-4020	
Town:	Bay City	State: MI	County: Bay	
Railway Connection:	None.			
Purpose:	Mooring company-owned floating equipment.			
Depth Alongside (feet):	12 - 15		6 - 8	Latitude (decimal): 43.5625
Total Berthing Space (feet):	350		150	Longitude (decimal): -83.90583
Remarks:	Structure formerly was a 210- by 8-foot, timber pile, timber-decked, offshore wharf with 45- by 8-foot angular approach to upper end, providing, with the two breasting dolphins, 350 feet of breasting distance. F and rows of breasting piles extended from the rear of the face, forming five 30-foot wide stalls for mooring small craft. Owner plans to rebuild wharf, but had not started construction in 1995.			
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76071	Detroit District	
Remarks:	Structure formerly was a 210- by 8-foot, timber pile, timber-decked, offshore wharf with 45- by 8-foot angular approach to upper end, providing, with the two breasting dolphins, 350 feet of breasting distance. F and rows of breasting piles extended from the rear of the face, forming five 30-foot wide stalls for mooring small craft. Owner plans to rebuild wharf, but had not started construction in 1995.			
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76071	Detroit District	

Port Facilities by Waterway

Waterway:	Saginaw River			Mile: 7.8	PWD: 88		
Name:	William W. Stender, Upper Wharf and Moorings.						
Port:	Saginaw River						
Location:	Left bank, Main Channel, Saginaw River, approximately 1.3 miles above Lafayette Bridge, Middle Ground, B			Datum: LWD			
Operator:	William W. Stender, Inc.						
Owner:	William W. Stender, Inc.						
Address:	1700 Evergreen Drive			Phone: 517/684-4020			
Town:	Bay City	State: MI	County: Bay				
Railway Connection:	None.						
Purpose:	Mooring vessels for repair; mooring company-owned floating equipment.						
Depth Alongside (feet):	20		22		18	Latitude (decimal):	43.561667
Total Berthing Space (feet):	170		200		200	Longitude (decimal):	-83.90556
Waterway:	Saginaw River			Mile: 7.8	PWD: 88		
Name:	William W. Stender, Upper Wharf and Moorings.						
Port:	Saginaw River						
Location:	Left bank, Main Channel, Saginaw River, approximately 1.3 miles above Lafayette Bridge, Middle Ground, B			Datum: LWD			
Operator:	William W. Stender, Inc.						
Owner:	William W. Stender, Inc.						
Address:	1700 Evergreen Drive			Phone: 517/684-4020			
Town:	Bay City	State: MI	County: Bay				
Railway Connection:	None.						
Purpose:	Mooring vessels for repair; mooring company-owned floating equipment.						
Depth Alongside (feet):	20		22		18	Latitude (decimal):	43.561667
Total Berthing Space (feet):	170		200		200	Longitude (decimal):	-83.90556
Remarks:	Wharf bulkhead was in deteriorated condition at time of survey (1993) and plans called for it to be rebuilt with steel sheet piling. An additional 50 feet of berthing is available along the upper side of the wha slip between the wharf and the upper mooring. One 100-ton marine railway is located at the inner end of the slip. A machine shop is located at rear.						
Port Series: 45	Year of Last Survey: 1996		Corps of Engnrs Waterway Code: 76071		Detroit District		
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Remarks:	Wharf bulkhead was in deteriorated condition at time of survey (1993) and plans called for it to be rebuilt with steel sheet piling. An additional 50 feet of berthing is available along the upper side of the wha slip between the wharf and the upper mooring. One 100-ton marine railway is located at the inner end of the slip. A machine shop is located at rear.						
Port Series: 45	Year of Last Survey: 1996		Corps of Engnrs Waterway Code: 76071		Detroit District		

Port Facilities by Waterway

Waterway:	Saginaw River			Mile: 7.8	PWD: 88
Name:	William W. Stender, Upper Wharf and Moorings.				
Port:	Saginaw River				
Location:	Left bank, Main Channel, Saginaw River, approximately 1.3 miles above Lafayette Bridge, Middle Ground, B			Datum: LWD	
Operator:	William W. Stender, Inc.				
Owner:	William W. Stender, Inc.				
Address:	1700 Evergreen Drive			Phone: 517/684-4020	
Town:	Bay City	State: MI		County: Bay	
Railway Connection:	None.				
Purpose:	Mooring vessels for repair; mooring company-owned floating equipment.				
Depth Alongside (feet):	20		22		18
				Latitude (decimal):	43.561667
Total Berthing Space (feet):	170		200		200
				Longitude (decimal):	-83.90556
Waterway:	Saginaw River			Mile: 7.8	PWD: 88
Name:	William W. Stender, Upper Wharf and Moorings.				
Port:	Saginaw River				
Location:	Left bank, Main Channel, Saginaw River, approximately 1.3 miles above Lafayette Bridge, Middle Ground, B			Datum: LWD	
Operator:	William W. Stender, Inc.				
Owner:	William W. Stender, Inc.				
Address:	1700 Evergreen Drive			Phone: 517/684-4020	
Town:	Bay City	State: MI		County: Bay	
Railway Connection:	None.				
Purpose:	Mooring vessels for repair; mooring company-owned floating equipment.				
Depth Alongside (feet):	20		22		18
				Latitude (decimal):	43.561667
Total Berthing Space (feet):	170		200		200
				Longitude (decimal):	-83.90556
Remarks:	Wharf bulkhead was in deteriorated condition at time of survey (1993) and plans called for it to be rebuilt with steel sheet piling. An additional 50 feet of berthing is available along the upper side of the wha slip between the wharf and the upper mooring. One 100-ton marine railway is located at the inner end of the slip. A machine shop is located at rear.				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76071			Detroit District
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Remarks:	Wharf bulkhead was in deteriorated condition at time of survey (1993) and plans called for it to be rebuilt with steel sheet piling. An additional 50 feet of berthing is available along the upper side of the wha slip between the wharf and the upper mooring. One 100-ton marine railway is located at the inner end of the slip. A machine shop is located at rear.				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 76071			Detroit District

Port Facilities by Waterway

Waterway:	Sheboygan River	Mile:	PWD: 41
Name:	The C. Reiss Coal Co. Sheboygan Dock.		
Port:	Sheboygan		
Location:	Sheboygan, right bank of Sheboygan River at mouth.	Datum:	LWD
Operator:	The C. Reiss Coal Co.		
Owner:	The C. Reiss Coal Co.		
Address:	917 East Water Street	Phone:	414-436-7600
Town:	Sheboygan	State:	WI
		County:	Sheboygan
Railway Connection:	One surface track serves open storage area at rear connects with Chicago and North Western Railway.		
Purpose:	Receipt of salt and liquid fertilizer.		
Depth Alongside (feet):	19 - 20	Latitude (decimal):	43.748333
Total Berthing Space (feet):	3,120	Longitude (decimal):	-87.70722
Remarks:	* The angular face following a bend in the river proceeding inward measures 1,330+230+590+200+365+405 approximately. Open storage area at rear has capacity for approximately 500,000 tons of salt. One 12-inch pipe to one 1,300,000 gallon storage tank in rear. Facility was for sale at time of survey.		
Port Series:	48	Year of Last Survey:	1994
		Corps of Engns Waterway Code:	77715
			Detroit District
Waterway:	Short Cut Canal	Mile:	0.1
		PWD:	63
Name:	Detroit Edison Co., River Rouge Plant Dock.		
Port:	Detroit		
Location:	Right bank, Short Cut Canal, at mouth, River Rouge.	Datum:	LWD
Operator:	The Detroit Edison Co.		
Owner:	The Detroit Edison Co.		
Address:	1 Belanger Park Drive	Phone:	313/297-8320
Town:	River Rouge	State:	MI
		County:	Wayne
Railway Connection:	Surface trackage serving coal-unloading facilities and 200-car capacity storage yard in rear connect with Grand Trunk Western Railroad and Consolidated Rail Corp.		
Purpose:	Transient mooring of barges.		
Depth Alongside (feet):	23	Latitude (decimal):	42.275
Total Berthing Space (feet):	1,080	Longitude (decimal):	-83.11222
Remarks:	Dock formerly was used for receipt of coal by self-unloading vessel and of fuel oil, both for plant consumption. Coal-receiving equipment is being maintained on standby basis. Open storage area in rear has capa coal. Two 8- becoming one 12-inch pipelines, blanked at time of survey (1993), extend from dock to one 119,000-barrel, steel, fuel oil storage tank located in rear.		
Port Series:	45	Year of Last Survey:	1996
		Corps of Engns Waterway Code:	73012
			Detroit District

Port Facilities by Waterway

Waterway:	Short Cut Canal			Mile: 0.2	PWD: 37
Name:	National Steel Corp., Great Lakes Division, Zug Island Short Cut C				
Port:	Detroit				
Location:	Left bank, Short Cut Canal, above mouth, Zug Island, River Rouge.				Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Two to 3 surface tracks in rear of open bank, not in use at time of survey (1993), join with plant trackage in rear; connect with Delray Connecting Railroad.				
Purpose:	Receipt of coal by self-unloading vessel.				
Depth Alongside (feet):	21			Latitude (decimal):	42.276944
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.11222
Waterway:	Short Cut Canal			Mile: 0.2	PWD: 37
Name:	National Steel Corp., Great Lakes Division, Zug Island Short Cut C				
Port:	Detroit				
Location:	Left bank, Short Cut Canal, above mouth, Zug Island, River Rouge.				Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Two to 3 surface tracks in rear of open bank, not in use at time of survey (1993), join with plant trackage in rear; connect with Delray Connecting Railroad.				
Purpose:	Receipt of coal by self-unloading vessel.				
Depth Alongside (feet):	21			Latitude (decimal):	42.276944
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.11222
Waterway:	Short Cut Canal			Mile: 0.2	PWD: 37
Name:	National Steel Corp., Great Lakes Division, Zug Island Short Cut C				
Port:	Detroit				
Location:	Left bank, Short Cut Canal, above mouth, Zug Island, River Rouge.				Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Two to 3 surface tracks in rear of open bank, not in use at time of survey (1993), join with plant trackage in rear; connect with Delray Connecting Railroad.				
Purpose:	Receipt of coal by self-unloading vessel.				
Depth Alongside (feet):	21			Latitude (decimal):	42.276944
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.11222
Remarks:	Open storage area at rear has capacity for 900,000 tons of coal.□□				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		
Remarks: Open storage area at rear has capacity for 900,000 tons of coal.□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		
Remarks: Open storage area at rear has capacity for 900,000 tons of coal.□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		

Port Facilities by Waterway

Waterway:	Short Cut Canal			Mile: 0.2	PWD: 37
Name:	National Steel Corp., Great Lakes Division, Zug Island Short Cut C				
Port:	Detroit				
Location:	Left bank, Short Cut Canal, above mouth, Zug Island, River Rouge.				Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Two to 3 surface tracks in rear of open bank, not in use at time of survey (1993), join with plant trackage in rear; connect with Delray Connecting Railroad.				
Purpose:	Receipt of coal by self-unloading vessel.				
Depth Alongside (feet):	21			Latitude (decimal):	42.276944
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.11222
Waterway:	Short Cut Canal			Mile: 0.2	PWD: 37
Name:	National Steel Corp., Great Lakes Division, Zug Island Short Cut C				
Port:	Detroit				
Location:	Left bank, Short Cut Canal, above mouth, Zug Island, River Rouge.				Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Two to 3 surface tracks in rear of open bank, not in use at time of survey (1993), join with plant trackage in rear; connect with Delray Connecting Railroad.				
Purpose:	Receipt of coal by self-unloading vessel.				
Depth Alongside (feet):	21			Latitude (decimal):	42.276944
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.11222
Waterway:	Short Cut Canal			Mile: 0.2	PWD: 37
Name:	National Steel Corp., Great Lakes Division, Zug Island Short Cut C				
Port:	Detroit				
Location:	Left bank, Short Cut Canal, above mouth, Zug Island, River Rouge.				Datum: LWD
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Two to 3 surface tracks in rear of open bank, not in use at time of survey (1993), join with plant trackage in rear; connect with Delray Connecting Railroad.				
Purpose:	Receipt of coal by self-unloading vessel.				
Depth Alongside (feet):	21			Latitude (decimal):	42.276944
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.11222
Remarks:	Open storage area at rear has capacity for 900,000 tons of coal.□□				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		
Remarks: Open storage area at rear has capacity for 900,000 tons of coal.□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		
Remarks: Open storage area at rear has capacity for 900,000 tons of coal.□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		

Port Facilities by Waterway

Waterway:	Short Cut Canal			Mile: 0.2	PWD: 37
Name:	National Steel Corp., Great Lakes Division, Zug Island Short Cut C				
Port:	Detroit				
Location:	Left bank, Short Cut Canal, above mouth, Zug Island, River Rouge.			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Two to 3 surface tracks in rear of open bank, not in use at time of survey (1993), join with plant trackage in rear; connect with Delray Connecting Railroad.				
Purpose:	Receipt of coal by self-unloading vessel.				
Depth Alongside (feet):	21			Latitude (decimal):	42.276944
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.11222
Waterway:	Short Cut Canal			Mile: 0.2	PWD: 37
Name:	National Steel Corp., Great Lakes Division, Zug Island Short Cut C				
Port:	Detroit				
Location:	Left bank, Short Cut Canal, above mouth, Zug Island, River Rouge.			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Two to 3 surface tracks in rear of open bank, not in use at time of survey (1993), join with plant trackage in rear; connect with Delray Connecting Railroad.				
Purpose:	Receipt of coal by self-unloading vessel.				
Depth Alongside (feet):	21			Latitude (decimal):	42.276944
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.11222
Waterway:	Short Cut Canal			Mile: 0.2	PWD: 37
Name:	National Steel Corp., Great Lakes Division, Zug Island Short Cut C				
Port:	Detroit				
Location:	Left bank, Short Cut Canal, above mouth, Zug Island, River Rouge.			Datum: LWD	
Operator:	National Steel Corp., Great Lakes Division.				
Owner:	National Steel Corp., Great Lakes Division.				
Address:	Zug Island Road		Phone: 313/297-3426		
Town:	River Rouge	State: MI	County: Wayne		
Railway Connection:	Two to 3 surface tracks in rear of open bank, not in use at time of survey (1993), join with plant trackage in rear; connect with Delray Connecting Railroad.				
Purpose:	Receipt of coal by self-unloading vessel.				
Depth Alongside (feet):	21			Latitude (decimal):	42.276944
Total Berthing Space (feet):	1,300			Longitude (decimal):	-83.11222
Remarks:	Open storage area at rear has capacity for 900,000 tons of coal.□□				
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		
Remarks: Open storage area at rear has capacity for 900,000 tons of coal.□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		
Remarks: Open storage area at rear has capacity for 900,000 tons of coal.□□					
Port Series: 45	Year of Last Survey: 1996	Corps of Engnrs Waterway Code: 73012	Detroit District		

Port Facilities by Waterway

Waterway: **Silver Bay Harbor** Mile: PWD: 60
 Name: **Northshore Mining Co., Silver Bay Dock.**
 Port: Lake Superior
 Location: West side of harbor, Silver Bay Harbor, Minnesota. Datum: LWD
 Operator: Northshore Mining Co., a subsidiary of Cliffs Minnesota Minerals Co.
 Owner: Cliffs Minnesota Minerals Co.
 Address: 10 Outer Drive Phone: 218/226-6013
 Town: Silver Bay State: MN County: Lake
 Railway Connection: None.
 Purpose: Shipment of iron ore pellets; receipt of coal by self-unloading vessels; occasional receipt of steel for grinding rods.
 Depth Alongside (feet): 30 | | Latitude (decimal): 47.297222
 Total Berthing Space (feet): 2,775 | | Longitude (decimal): -91.26389
 Remarks: Open storage area under bridge crane has capacity for 3,000,000 tons of iron ore pellets; the open storage area located at rear of face on upper end of wharf has capacity for 1,000,000 tons of coal.

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79311 Detroit District

Waterway: **St Joseph River** Mile: PWD: 165
 Name: **Consumers Asphalt Co. Dock**
 Port: St Joseph
 Location: St Joseph, right bank, St Joseph River approximately 1,500 feet above Main Street Datum: LWD
 (State Highway M-63) B
 Operator: Consumers Asphalt Co.
 Owner: Consumers Asphalt Co.
 Address: West Main Street at River Phone: 616/926-1111
 Town: Benton Harbor State: MI County: Berrien
 Railway Connection: None.
 Purpose: Receipt of limestone and salt by self-unloading vessel.
 Depth Alongside (feet): 21 | | Latitude (decimal): 42.113056
 Total Berthing Space (feet): 700 | | Longitude (decimal): -86.47167
 Remarks: Open storage area at rear has capacity for approximately 6,000 tons of stone. □ □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77601 Detroit District

Port Facilities by Waterway

Waterway: **St Joseph River** Mile: PWD: 163
 Name: **LaFarge Corp. St Joseph Terminal Dock.**
 Port: St Joseph
 Location: St Joseph, right bank, St Joseph River between CSX Transportation and Main Street Datum: LWD
 (State Highway M-63) B
 Operator: LaFarge Corp.
 Owner: LaFarge Corp.
 Address: 200 North Upton Drive. Phone: 616/983-6333
 Town: St Joseph State: MI County: Berrien
 Railway Connection: None.
 Purpose: Receipt of cement.
 Depth Alongside (feet): 10 - 25 | | Latitude (decimal): 42.112778
 Total Berthing Space (feet): 450 | | Longitude (decimal): -86.48139
 Remarks: Cement terminal in rear consisting of 14 concrete silos has capacity for 22,000 tons. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77601 Detroit District

Waterway: **St Joseph River** Mile: PWD: 164
 Name: **McCoy Concrete Inc. St Joseph Dock.**
 Port: St Joseph
 Location: St Joseph, left bank, St Joseph River approximately 1,500 feet above Main Street Datum: LWD
 (State Highway M-63) Br
 Operator: McCoy Concrete Inc.
 Owner: McCoy Concrete Inc.
 Address: 220 North Wayne Street Phone: 616/983-5556
 Town: St Joseph State: MI County: Berrien
 Railway Connection: None.
 Purpose: Receipt of limestone and salt by self-unloading vessel.
 Depth Alongside (feet): 19 | | Latitude (decimal): 42.112222
 Total Berthing Space (feet): 800 | | Longitude (decimal): -86.47306
 Remarks: Open storage area at rear has capacity for 140,000 tons of stone and 40,000 tons of salt. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engns Waterway Code: 77601 Detroit District

Port Facilities by Waterway

Waterway: **St. Louis Bay** Mile: PWD: 34

Name: **BP Amoco Oil CO., Superior WI Terminal Dock**

Port: Lake Superior

Location: South side, South Channel, St. Louis Bay, approx. 1.1 miles above John A. Blatnick Bridge, foot of Maryl Datum: LWD

Operator: Not operated.

Owner: BP Amoco Oil Co.

Address: 2904 Winter Street Phone: 715/392-8294

Town: Superior State: WI County: Douglas

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 26 | | Latitude (decimal): 46.74

Total Berthing Space (feet): 420 | | Longitude (decimal): -92.12

Remarks: One 10-inch and one 8-inch pipeline, each with 6-inch hose connections at face, extend to 14 steel storage tanks at terminal on opposite side of Winter Street, total capacity 755,000 barrels. At time of survey (being maintained in caretaker status.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Waterway: **St. Louis Bay** Mile: PWD: 25

Name: **Duluth, Missabe and Iron Range Railway, Ore Dock No. 6.**

Port: Lake Superior

Location: Left bank, North Channel, approx. 1.5 miles above John A. Blatnick Bridge, between foot of 35th and Bayf Datum: LWD

Operator: Duluth, Missabe and Iron Range Railway Co.

Owner: Duluth, Missabe and Iron Range Railway Co.

Address: Foot of 35th Avenue West Phone: 218/628-4562

Town: Duluth State: MN County: St. Louis

Railway Connection: Duluth, Missabe and Iron Range Railway: Four tracks on top of center elevated portion of pier over ore pockets join with 2 tracks on elevated approach trestle.

Purpose: Shipment of iron ore and iron ore pellets, receipt of limestone, coal, and other dry bulk commodities from self-unloading vessels.

Depth Alongside (feet): 30 | 28 | 30 Latitude (decimal): 46.7475

Total Berthing Space (feet): - | 1,378 | 1,090 Longitude (decimal): -92.12833

Remarks: Iron ore pellets are loaded directly to vessels via ore pockets by rail cars on three of the dock tracks, or one 768-foot, rail-mounted, self-propelled shuttle conveyor operating on one of the dock tracks. Vesse 10,000 long tons per hour by shiploaders, 6,000 long tons per hour at gravity chute berths. Shuttle conveyor and receiving hopper are each served by one 48-inch, electric, reversible, belt conveyor on pier extendingbelt conveyor extending to an open storage area located adjacent to lower side, capacity 3,000,000 long tons of iron ore and 2,500,000 long tons of other dry bulk aggregates. Storage area is served bystacker. Iron ore pellets are reclaimed to hopper on lowered stacker boom, or into traveling hopper over conveyor belt, by three diesel-electric, crawler, bucket wheel reclaimers, loading rate 3,000unloading rate for dry bulk aggregates is 2,000 tons per hour.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79286 Detroit District

Port Facilities by Waterway

Waterway:	St. Louis Bay	Mile:	PWD: 27
Name:	Erie Pier Confined Disposal Area Dock.		
Port:	Lake Superior		
Location:	Junction of Upper, North and South Channels; at foot of 45th Ave. West, extended.		Datum: LWD
Operator:	U.S. Army Corps of Engineers		
Owner:	Seaway Port Authority of Duluth		
Address:	Foot of 45th St. extended.		Phone: 218/727-8525
Town:	Duluth	State: MN	County: St. Louis
Railway Connection:	None.		
Purpose:	Disposal of dredged material.		
Depth Alongside (feet):	15		Latitude (decimal): 46.737778
Total Berthing Space (feet):	300		Longitude (decimal): -92.145
Remarks:	□□		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286	Detroit District

Port Facilities by Waterway

Waterway: St. Louis Bay	Mile:	PWD: 36
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
Owner: Burlington Northern Santa Fe Railroad.		
Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917
Waterway: St. Louis Bay		
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
Owner: Burlington Northern Santa Fe Railroad.		
Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917
Waterway: St. Louis Bay		
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
Owner: Burlington Northern Santa Fe Railroad.		
Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917

Port Facilities by Waterway

Waterway:	St. Louis Bay	Mile:	PWD: 36
Name:	General Mills Inc., 'S-X' Superior Terminal Dock.		
Port:	Lake Superior		
Location:	Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br		
Operator:	General Mills Inc.		
Owner:	Burlington Northern Santa Fe Railroad.		
Address:	2303 Winter Street.	Phone:	218/722-7759
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose:	Shipment of grain.		
Depth Alongside (feet):	30	Latitude (decimal):	46.743333
Total Berthing Space (feet):	1,254	Longitude (decimal):	-92.10917
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
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Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District

Port Facilities by Waterway

Waterway: St. Louis Bay	Mile:	PWD: 36
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
Owner: Burlington Northern Santa Fe Railroad.		
Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917
Waterway: St. Louis Bay		
Mile: PWD: 36		
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
Owner: Burlington Northern Santa Fe Railroad.		
Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917
Waterway: St. Louis Bay		
Mile: PWD: 36		
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
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Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917

Port Facilities by Waterway

Waterway:	St. Louis Bay	Mile:	PWD: 36
Name:	General Mills Inc., 'S-X' Superior Terminal Dock.		
Port:	Lake Superior		
Location:	Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br		
Operator:	General Mills Inc.		
Owner:	Burlington Northern Santa Fe Railroad.		
Address:	2303 Winter Street.	Phone:	218/722-7759
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose:	Shipment of grain.		
Depth Alongside (feet):	30	Latitude (decimal):	46.743333
Total Berthing Space (feet):	1,254	Longitude (decimal):	-92.10917
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District

Port Facilities by Waterway

Waterway: St. Louis Bay	Mile:	PWD: 36
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
Owner: Burlington Northern Santa Fe Railroad.		
Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917
Waterway: St. Louis Bay		
Mile: PWD: 36		
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
Owner: Burlington Northern Santa Fe Railroad.		
Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917
Waterway: St. Louis Bay		
Mile: PWD: 36		
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
Owner: Burlington Northern Santa Fe Railroad.		
Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917

Port Facilities by Waterway

Waterway:	St. Louis Bay	Mile:	PWD: 36
Name:	General Mills Inc., 'S-X' Superior Terminal Dock.		
Port:	Lake Superior		
Location:	Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br		
Operator:	General Mills Inc.		
Owner:	Burlington Northern Santa Fe Railroad.		
Address:	2303 Winter Street.	Phone:	218/722-7759
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose:	Shipment of grain.		
Depth Alongside (feet):	30	Latitude (decimal):	46.743333
Total Berthing Space (feet):	1,254	Longitude (decimal):	-92.10917
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District

Port Facilities by Waterway

Waterway: St. Louis Bay	Mile:	PWD: 36
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
Owner: Burlington Northern Santa Fe Railroad.		
Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917
Waterway: St. Louis Bay		
Mile: PWD: 36		
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
Owner: Burlington Northern Santa Fe Railroad.		
Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917
Waterway: St. Louis Bay		
Mile: PWD: 36		
Name: General Mills Inc., 'S-X' Superior Terminal Dock.		
Port: Lake Superior		
Location: Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br Datum: LWD		
Operator: General Mills Inc.		
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Address: 2303 Winter Street.		Phone: 218/722-7759
Town: Superior	State: WI	County: Douglas
Railway Connection: BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose: Shipment of grain.		
Depth Alongside (feet): 30		Latitude (decimal): 46.743333
Total Berthing Space (feet): 1,254		Longitude (decimal): -92.10917

Port Facilities by Waterway

Waterway:	St. Louis Bay	Mile:	PWD: 36
Name:	General Mills Inc., 'S-X' Superior Terminal Dock.		
Port:	Lake Superior		
Location:	Upper side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br		
Operator:	General Mills Inc.		
Owner:	Burlington Northern Santa Fe Railroad.		
Address:	2303 Winter Street.	Phone:	218/722-7759
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	BNSF Railroad: one surface track extends through and serves car dumper at Elevator X and one surface track in rear and two surface tracks through Elevator S, connect with Burlington Northern Santa Fe.		
Purpose:	Shipment of grain.		
Depth Alongside (feet):	30	Latitude (decimal):	46.743333
Total Berthing Space (feet):	1,254	Longitude (decimal):	-92.10917
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District
Remarks:	Elevator X located at rear of head of slip; Elevators S and 3 along face and Elevators 1 and 2 in the rear; Elevator X is connected with Elevator S by overhead 48-inch electric belt-conveyor system. Storage capacities: □ Elevator X: 1,500,000 bushels; Elevator S: 2,825,350 bushels; □ Elevator 1: 2,208,000 bushels; Elevator 2: 2,987,000 bushels; Elevator 3: 2,987,000 bushels. Total capacity: 12,507,350 bushels.		
Port Series:	49	Year of Last Survey:	1999
		Corps of Engns Waterway Code:	79283
			Detroit District

Port Facilities by Waterway

Waterway: St. Louis Bay	Mile:	PWD: 26
Name: Hallett Dock No. 5.		
Port: Lake Superior		
Location: Left bank, North Channel, approx. 1.7 miles above John A. Blatnick Bridge, foot of 37th Ave. West, exten		Datum: LWD
Operator: Hallett Dock Co., Inc.		
Owner: Hallett Dock Co., Inc.		
Address: Foot of 37th Avenue West		Phone: 218/628-2281
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Three surface tracks located at rear of face join one track connecting with BNSF, CP, and UP Railroads.		
Purpose: Receipt and shipment of miscellaneous dry bulk commodities, including coal and fertilizer.		
Depth Alongside (feet): 22 - 27		Latitude (decimal): 46.745833
Total Berthing Space (feet): 2,400		Longitude (decimal): -92.13306
Remarks: Depth of 27 feet along 800-foot steel sheet pile bulkhead; remainder 22-27 foot depths. Storage shed has capacity for 20,000 tons of fertilizer. Open storage area has capacity for approximately 800,000 tons of bulk commodities. Stone screening plant and one combination truck and rail scale located at rear. Facility is operated as a public dry bulk commodity terminal.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286
		Detroit District

Waterway: St. Louis Bay	Mile:	PWD: 32
Name: Hallett Dock No. 8.		
Port: Lake Superior		
Location: Head of slip, south side, South Channel, St. Louis Bay, approx. 1.2 miles above John A. Blatnick Bridge.		Datum: LWD
Operator: Hallett Dock Co., Inc.		
Owner: Hallett Dock Co., Inc.		
Address: Foot of Susquehanna and Maryland Ave.		Phone: 218/628-2284
Town: Superior	State: WI	County: Douglas
Railway Connection: Three surface tracks located at rear; connect with CP, UP, and BNSF Railroads.		
Purpose: Receipt and shipment of miscellaneous dry bulk materials.		
Depth Alongside (feet): 18 - 27		Latitude (decimal): 46.732778
Total Berthing Space (feet): 2,500		Longitude (decimal): -92.1225
Remarks: Open storage area has capacity for 800,000 tons. Facility is operated as a public dry bulk commodity terminal. □		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283
		Detroit District

Port Facilities by Waterway

Waterway: **St. Louis Bay** Mile: PWD: 28

Name: **Lake Superior Paper Industries, Berwind Dock.**

Port: Lake Superior

Location: Left bank, Upper Channel, lower side of west approach to Burlington Northern Santa Fe Railroad Grassy Po Datum: LWD

Operator: Not operated.

Owner: Minnesota Power and Light Co.

Address: 100 North Central Ave. Phone: 218/628-5212

Town: Duluth State: MN County: St. Louis

Railway Connection: None.

Purpose: Not used.

Depth Alongside (feet): 12 - 18 | | Latitude (decimal): 46.730278

Total Berthing Space (feet): 1,794 | | Longitude (decimal): -92.1525

Remarks: At time of survey (1999), concrete-paved storage area located at rear of wharf is used for auxiliary storage of pulp wood. □

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79286 Detroit District

Waterway: **St. Louis Bay** Mile: PWD: 35

Name: **Midwest Energy Resources Co., Superior Terminal Wharf.**

Port: Lake Superior

Location: South side, South Channel, St. Louis Bay, approx. 0.7 mile above John A. Blatnick Bridge, below foot of Datum: LWD

Operator: Midwest Energy Resources Co., a division of Detroit Edison Co.

Owner: Midwest Energy Resources Co., a division of Detroit Edison Co.

Address: 2551 West Winter Street Phone: 715/395-3512

Town: Superior State: WI County: Douglas

Railway Connection: Two surface tracks encircling storage area serve rotary car dumper, connect with BNSF Railroad.

Purpose: Shipment of coal

Depth Alongside (feet): 27 | | Latitude (decimal): 46.742778

Total Berthing Space (feet): 1,215 | | Longitude (decimal): -92.11333

Remarks: distribution through covered, elevated gallery over open storage area, rate 3,400 tons per hour. Six bulldozers and two scrapers serve storage area. □ Open storage area located at rear has capacity for 7,000,000

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: St. Louis Bay	Mile:	PWD: 33
Name: The C. Reiss Coal Co., Berwin Dock		
Port: Lake Superior		
Location: Lower side of slip, south side, South Channel, St. Louis Bay, approx. 1.2 miles above John A. Blatnick B Datum: LWD		
Operator: Not operated.		
Owner: The C. Reiss Coal Co.		
Address: Foot of Susquehanna and Maryland Ave.		Phone: 218/628-2371
Town: Superior	State: WI	County: Douglas
Railway Connection: None.		
Purpose: Not used.		
Depth Alongside (feet): 27		Latitude (decimal): 46.738333
Total Berthing Space (feet): 2,818		Longitude (decimal): -92.12222
Remarks: Open storage area has capacity for approximately 1,000,000 tons of dry bulk commodities.□		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79283
		Detroit District

Waterway: St. Louis River	Mile:	PWD: 31
Name: Hallett Dock No. 6		
Port: Lake Superior		
Location: Left bank, St. Louis River, upper end of Minnesota Channel, at foot of 56th Avenue West extended. Datum: LWD		
Operator: Hallett Dock Co., Inc.		
Owner: Hallett Dock Co., Inc.		
Address: 500 S. 59th Avenue West		Phone: 218/628-2284
Town: Duluth	State: MN	County: St. Louis
Railway Connection: Two surface tracks along east side of slip service car pit for 110-car unit trains; tracks connect with BNSF, CP, and UP Railroads.		
Purpose: Receipt and shipment of miscellaneous dry bulk materials, including petroleum coke and clay; receipt of bulk liquid commodities and occasional receipt of general cargo.		
Depth Alongside (feet): 23		Latitude (decimal): 46.7225
Total Berthing Space (feet): 2,100		Longitude (decimal): -92.16667
Remarks: One 6-inch pipeline extends from wharf to one 3,000,000-gallon calcium chloride storage tank. Open storage area has capacity for 600,000 tons of dry bulk commodities. Petroleum coke loading rate is 1,000 tons p rate is 1,700 tons per hour. Truck scales are located at rear. Facility is operated as a public dry bulk and liquid bulk commodity terminal.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnrs Waterway Code: 79286
		Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 67
Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 20		Latitude (decimal): 44.8375
Total Berthing Space (feet): 600		Longitude (decimal): -87.38167

Waterway: Sturgeon Bay	Mile:	PWD: 67
Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 20		Latitude (decimal): 44.8375
Total Berthing Space (feet): 600		Longitude (decimal): -87.38167

Waterway: Sturgeon Bay	Mile:	PWD: 67
Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 20		Latitude (decimal): 44.8375
Total Berthing Space (feet): 600		Longitude (decimal): -87.38167

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 67
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	20		Latitude (decimal): 44.8375
Total Berthing Space (feet):	600		Longitude (decimal): -87.38167
Waterway:	Sturgeon Bay	Mile:	PWD: 67
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	20		Latitude (decimal): 44.8375
Total Berthing Space (feet):	600		Longitude (decimal): -87.38167
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 20 </p> <p>Total Berthing Space (feet): 600 </p>	<p>Mile: PWD: 67</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.8375</p> <p>Longitude (decimal): -87.38167</p>
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 20 </p> <p>Total Berthing Space (feet): 600 </p>	<p>Mile: PWD: 67</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.8375</p> <p>Longitude (decimal): -87.38167</p>
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 20 </p> <p>Total Berthing Space (feet): 600 </p>	<p>Mile: PWD: 67</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.8375</p> <p>Longitude (decimal): -87.38167</p>

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 67
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	20		Latitude (decimal): 44.8375
Total Berthing Space (feet):	600		Longitude (decimal): -87.38167
Waterway:	Sturgeon Bay	Mile:	PWD: 67
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	20		Latitude (decimal): 44.8375
Total Berthing Space (feet):	600		Longitude (decimal): -87.38167
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 67
Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 20		Latitude (decimal): 44.8375
Total Berthing Space (feet): 600		Longitude (decimal): -87.38167

Waterway: Sturgeon Bay	Mile:	PWD: 67
Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 20		Latitude (decimal): 44.8375
Total Berthing Space (feet): 600		Longitude (decimal): -87.38167

Waterway: Sturgeon Bay	Mile:	PWD: 67
Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 20		Latitude (decimal): 44.8375
Total Berthing Space (feet): 600		Longitude (decimal): -87.38167

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 67
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	20		Latitude (decimal): 44.8375
Total Berthing Space (feet):	600		Longitude (decimal): -87.38167
Waterway:	Sturgeon Bay	Mile:	PWD: 67
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	20		Latitude (decimal): 44.8375
Total Berthing Space (feet):	600		Longitude (decimal): -87.38167
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 67
Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 20		Latitude (decimal): 44.8375
Total Berthing Space (feet): 600		Longitude (decimal): -87.38167
Waterway: Sturgeon Bay		
Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 20		Latitude (decimal): 44.8375
Total Berthing Space (feet): 600		Longitude (decimal): -87.38167
Waterway: Sturgeon Bay		
Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 20		Latitude (decimal): 44.8375
Total Berthing Space (feet): 600		Longitude (decimal): -87.38167

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 67
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	20		Latitude (decimal): 44.8375
Total Berthing Space (feet):	600		Longitude (decimal): -87.38167
Waterway:	Sturgeon Bay	Mile:	PWD: 67
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	20		Latitude (decimal): 44.8375
Total Berthing Space (feet):	600		Longitude (decimal): -87.38167
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 20 </p> <p>Total Berthing Space (feet): 600 </p>	<p>Mile: PWD: 67</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.8375</p> <p>Longitude (decimal): -87.38167</p>
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 20 </p> <p>Total Berthing Space (feet): 600 </p>	<p>Mile: PWD: 67</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.8375</p> <p>Longitude (decimal): -87.38167</p>
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 20 </p> <p>Total Berthing Space (feet): 600 </p>	<p>Mile: PWD: 67</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.8375</p> <p>Longitude (decimal): -87.38167</p>

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 67
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	20		Latitude (decimal): 44.8375
Total Berthing Space (feet):	600		Longitude (decimal): -87.38167
Waterway:	Sturgeon Bay	Mile:	PWD: 67
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 2 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 2,000 feet north of Michigan Street Bridge.		Datum: LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	20		Latitude (decimal): 44.8375
Total Berthing Space (feet):	600		Longitude (decimal): -87.38167
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 3 (Ref. No. 66) on north side is approximately 200 feet wide. □		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 64
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
Total Berthing Space (feet):	110 820 -	Longitude (decimal):	-87.38528
Waterway:	Sturgeon Bay	Mile:	PWD: 64
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
Total Berthing Space (feet):	110 820 -	Longitude (decimal):	-87.38528
Waterway:	Sturgeon Bay	Mile:	PWD: 64
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
Total Berthing Space (feet):	110 820 -	Longitude (decimal):	-87.38528

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 64
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
Total Berthing Space (feet):	110 820 -	Longitude (decimal):	-87.38528
Waterway:	Sturgeon Bay	Mile:	PWD: 64
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
Total Berthing Space (feet):	110 820 -	Longitude (decimal):	-87.38528
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
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Port Facilities by Waterway

<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 21</p> <p>Total Berthing Space (feet): 110 820 -</p>	<p>Mile: PWD: 64</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.840556</p> <p>Longitude (decimal): -87.38528</p>
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 21</p> <p>Total Berthing Space (feet): 110 820 -</p>	
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 21</p> <p>Total Berthing Space (feet): 110 820 -</p>	<p>Mile: PWD: 64</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.840556</p> <p>Longitude (decimal): -87.38528</p>

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Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
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Location:	Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
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Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
Total Berthing Space (feet):	110 820 -	Longitude (decimal):	-87.38528
Waterway:	Sturgeon Bay	Mile:	PWD: 64
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
Port:	Lake Michigan		
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Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
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Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
Total Berthing Space (feet):	110 820 -	Longitude (decimal):	-87.38528
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
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Port Facilities by Waterway

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Name: Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
Port: Lake Michigan		
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Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 21	Latitude (decimal): 44.840556	
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Port: Lake Michigan		
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Town: Sturgeon Bay	State: WI	County: Door
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Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
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Town:	Sturgeon Bay	State:	WI
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Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
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Port Facilities by Waterway

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Port Facilities by Waterway

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Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
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Location:	Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.	Datum:	LWD
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		County:	Door
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Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
Total Berthing Space (feet):	110 820 -	Longitude (decimal):	-87.38528
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 21</p> <p>Total Berthing Space (feet): 110 820 -</p>	<p>Mile: PWD: 64</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.840556</p> <p>Longitude (decimal): -87.38528</p>
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 21</p> <p>Total Berthing Space (feet): 110 820 -</p>	
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 21</p> <p>Total Berthing Space (feet): 110 820 -</p>	

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 64
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
Total Berthing Space (feet):	110 820 -	Longitude (decimal):	-87.38528
Waterway:	Sturgeon Bay	Mile:	PWD: 64
Name:	Bay Shipbuilding Co., Sturgeon Bay Berth 9 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.6 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 21	Latitude (decimal):	44.840556
Total Berthing Space (feet):	110 820 -	Longitude (decimal):	-87.38528
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	One 7,150 ton floating drydock with an overall length of 604 feet is moored on north side. <input type="checkbox"/>		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
Total Berthing Space (feet): 280 400 900	Longitude (decimal): -87.38417	

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
Total Berthing Space (feet): 280 400 900	Longitude (decimal): -87.38417	

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
Total Berthing Space (feet): 280 400 900	Longitude (decimal): -87.38417	

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 63
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.842778
Total Berthing Space (feet):	280 400 900	Longitude (decimal):	-87.38417
Waterway:	Sturgeon Bay	Mile:	PWD: 63
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.842778
Total Berthing Space (feet):	280 400 900	Longitude (decimal):	-87.38417
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
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Port Series:	48	Year of Last Survey:	1994
Corps of Engrs Waterway Code:	77805	Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
Total Berthing Space (feet): 280 400 900	Longitude (decimal): -87.38417	

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
Total Berthing Space (feet): 280 400 900	Longitude (decimal): -87.38417	

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
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Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 63
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.842778
Total Berthing Space (feet):	280 400 900	Longitude (decimal):	-87.38417
Waterway:	Sturgeon Bay	Mile:	PWD: 63
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.842778
Total Berthing Space (feet):	280 400 900	Longitude (decimal):	-87.38417
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	
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Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
Total Berthing Space (feet): 280 400 900	Longitude (decimal): -87.38417	

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
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Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
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Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
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Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 63
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.842778
Total Berthing Space (feet):	280 400 900	Longitude (decimal):	-87.38417
Waterway:	Sturgeon Bay	Mile:	PWD: 63
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
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Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.842778
Total Berthing Space (feet):	280 400 900	Longitude (decimal):	-87.38417
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
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Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
Total Berthing Space (feet): 280 400 900	Longitude (decimal): -87.38417	
Waterway: Sturgeon Bay	Mile:	PWD: 63
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Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
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Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
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Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 63
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.842778
Total Berthing Space (feet):	280 400 900	Longitude (decimal):	-87.38417
Waterway:	Sturgeon Bay	Mile:	PWD: 63
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.842778
Total Berthing Space (feet):	280 400 900	Longitude (decimal):	-87.38417
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
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Corps of Engnrs Waterway Code:	77805	Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
Total Berthing Space (feet): 280 400 900	Longitude (decimal): -87.38417	

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
Total Berthing Space (feet): 280 400 900	Longitude (decimal): -87.38417	

Waterway: Sturgeon Bay	Mile:	PWD: 63
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.842778	
Total Berthing Space (feet): 280 400 900	Longitude (decimal): -87.38417	

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 63
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.842778
Total Berthing Space (feet):	280 400 900	Longitude (decimal):	-87.38417
Waterway:	Sturgeon Bay	Mile:	PWD: 63
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 11, 14 and 15 Wharfs.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.8 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.842778
Total Berthing Space (feet):	280 400 900	Longitude (decimal):	-87.38417
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Entrance to a small graving dock is located between Berths 11 and 12, entrance to a larger graving dock is located north of the outer end of Berth 15.□		
Port Series:	48	Year of Last Survey:	1994
Corps of Engnrs Waterway Code:	77805	Detroit District	

Port Facilities by Waterway

<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 15 - 16</p> <p>Total Berthing Space (feet): 220 750 650</p>	<p>Mile: PWD: 66</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.838056</p> <p>Longitude (decimal): -87.38444</p>
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 15 - 16</p> <p>Total Berthing Space (feet): 220 750 650</p>	
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 15 - 16</p> <p>Total Berthing Space (feet): 220 750 650</p>	

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 66
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.838056
Total Berthing Space (feet):	220 750 650	Longitude (decimal):	-87.38444
Waterway:	Sturgeon Bay	Mile:	PWD: 66
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.838056
Total Berthing Space (feet):	220 750 650	Longitude (decimal):	-87.38444
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 5 (Ref. No. 65) on north side is approximately 120 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 5 (Ref. No. 65) on north side is approximately 120 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
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Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 66
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.838056	
Total Berthing Space (feet): 220 750 650	Longitude (decimal): -87.38444	
Waterway: Sturgeon Bay	Mile:	PWD: 66
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.		
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Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.		
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Location:	Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.838056
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Address:	605 North Third Ave.	Phone:	414/746-3373
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		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
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Waterway:	Sturgeon Bay	Mile:	PWD: 66
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Total Berthing Space (feet):	220 750 650	Longitude (decimal):	-87.38444
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 5 (Ref. No. 65) on north side is approximately 120 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
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Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.838056
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		County:	Door
Railway Connection:	None.		
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Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
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Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 66
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.		
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Location: Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.		Datum: LWD
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Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
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Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.838056	
Total Berthing Space (feet): 220 750 650	Longitude (decimal): -87.38444	
Waterway: Sturgeon Bay	Mile:	PWD: 66
Name: Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.		Datum: LWD
Operator: Bay Shipbuilding Co.		
Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.838056	
Total Berthing Space (feet): 220 750 650	Longitude (decimal): -87.38444	

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 66
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.838056
Total Berthing Space (feet):	220 750 650	Longitude (decimal):	-87.38444
Waterway:	Sturgeon Bay	Mile:	PWD: 66
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 3 and 4 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.4 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.838056
Total Berthing Space (feet):	220 750 650	Longitude (decimal):	-87.38444
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 5 (Ref. No. 65) on north side is approximately 120 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 5 (Ref. No. 65) on north side is approximately 120 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Any of the cranes can be equipped with 20- to 30-foot jibs. Slip formed with Berth 5 (Ref. No. 65) on north side is approximately 120 feet wide.□		
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Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berths 5 and 8 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.5 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 15 - 16</p> <p>Total Berthing Space (feet): 1000 650 820</p>	<p>Mile: PWD: 65</p> <p>Datum: LWD</p> <p>Phone: 414/746-3373</p> <p>County: Door</p> <p>Latitude (decimal): 44.839167</p> <p>Longitude (decimal): -87.38472</p>
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berths 5 and 8 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.5 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 15 - 16</p> <p>Total Berthing Space (feet): 1000 650 820</p>	
<p>Waterway: Sturgeon Bay</p> <p>Name: Bay Shipbuilding Co., Sturgeon Bay Berths 5 and 8 Pier.</p> <p>Port: Lake Michigan</p> <p>Location: Easterly shore of Sturgeon Bay, approximately 0.5 mile north of Michigan Street Bridge.</p> <p>Operator: Bay Shipbuilding Co.</p> <p>Owner: Bay Shipbuilding Co., Manitowoc Marine Group.</p> <p>Address: 605 North Third Ave.</p> <p>Town: Sturgeon Bay State: WI</p> <p>Railway Connection: None.</p> <p>Purpose: Mooring vessels for outfitting, conversion and repair.</p> <p>Depth Alongside (feet): 15 - 16 15 - 16 15 - 16</p> <p>Total Berthing Space (feet): 1000 650 820</p>	

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 65
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 5 and 8 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 0.5 mile north of Michigan Street Bridge.	Datum:	LWD
Operator:	Bay Shipbuilding Co.		
Owner:	Bay Shipbuilding Co., Manitowoc Marine Group.		
Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.839167
Total Berthing Space (feet):	1000 650 820	Longitude (decimal):	-87.38472
Waterway:	Sturgeon Bay	Mile:	PWD: 65
Name:	Bay Shipbuilding Co., Sturgeon Bay Berths 5 and 8 Pier.		
Port:	Lake Michigan		
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Address:	605 North Third Ave.	Phone:	414/746-3373
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.839167
Total Berthing Space (feet):	1000 650 820	Longitude (decimal):	-87.38472
Remarks:	Slip formed with Berth 9 (Ref. No. 64) on north side is approximately 270 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
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Owner: Bay Shipbuilding Co., Manitowoc Marine Group.		
Address: 605 North Third Ave.		Phone: 414/746-3373
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet): 15 - 16 15 - 16 15 - 16	Latitude (decimal): 44.839167	
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Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	15 - 16 15 - 16 15 - 16	Latitude (decimal):	44.839167
Total Berthing Space (feet):	1000 650 820	Longitude (decimal):	-87.38472
Remarks:	Slip formed with Berth 9 (Ref. No. 64) on north side is approximately 270 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Slip formed with Berth 9 (Ref. No. 64) on north side is approximately 270 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Slip formed with Berth 9 (Ref. No. 64) on north side is approximately 270 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Slip formed with Berth 9 (Ref. No. 64) on north side is approximately 270 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	Slip formed with Berth 9 (Ref. No. 64) on north side is approximately 270 feet wide.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389
Remarks: -□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805
Detroit District		
Remarks: -□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805
Detroit District		
Remarks: -□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805
Detroit District		
Remarks: -□□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805
Detroit District		

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Port Facilities by Waterway

Waterway:	Sturgeon Bay				Mile:	PWD: 71
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.					
Port:	Lake Michigan					
Location:	Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street				Datum: LWD	
	Bridge, east of Berth					
Operator:	Peterson Builders, Inc.					
Owner:	Peterson Builders, Inc.					
Address:	101 Pennsylvania Street.			Phone:	414/743-5574	
Town:	Sturgeon Bay	State:	WI	County:	Door	
Railway Connection:	None.					
Purpose:	Mooring vessels for outfitting, conversion and repair.					
Depth Alongside (feet):	23		23		Latitude (decimal): 44.830278	
Total Berthing Space (feet):	130		249		Longitude (decimal): -87.37389	
Remarks:	-□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District	
<hr/>						
Remarks:	-□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District	
<hr/>						
Remarks:	-□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District	
<hr/>						
Remarks:	-□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Port Facilities by Waterway

Waterway:	Sturgeon Bay			Mile:	PWD: 71
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.				
Port:	Lake Michigan				
Location:	Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street			Datum:	LWD
	Bridge, east of Berth				
Operator:	Peterson Builders, Inc.				
Owner:	Peterson Builders, Inc.				
Address:	101 Pennsylvania Street.			Phone:	414/743-5574
Town:	Sturgeon Bay	State:	WI	County:	Door
Railway Connection:	None.				
Purpose:	Mooring vessels for outfitting, conversion and repair.				
Depth Alongside (feet):	23		23		Latitude (decimal): 44.830278
Total Berthing Space (feet):	130		249		Longitude (decimal): -87.37389
Remarks:	-□□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District
Remarks: -□□					
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Waterway: Sturgeon Bay	Mile:	PWD: 71
Name: Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge, east of Berth		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.830278
Total Berthing Space (feet):	130 249	Longitude (decimal): -87.37389

Port Facilities by Waterway

Waterway:	Sturgeon Bay				Mile:	PWD: 71	
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 1 and 2 Wharf.						
Port:	Lake Michigan						
Location:	Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street Bridge, east of Berth					Datum:	LWD
Operator:	Peterson Builders, Inc.						
Owner:	Peterson Builders, Inc.						
Address:	101 Pennsylvania Street.				Phone:	414/743-5574	
Town:	Sturgeon Bay		State:		WI		
					County:	Door	
Railway Connection:	None.						
Purpose:	Mooring vessels for outfitting, conversion and repair.						
Depth Alongside (feet):	23		23		Latitude (decimal):	44.830278	
Total Berthing Space (feet):	130		249		Longitude (decimal):	-87.37389	
Remarks:	-□□						
Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	-□□						
Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	-□□						
Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	-□□						
Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 68
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street Bridge.	Datum:	LWD
Operator:	Peterson Builders, Inc.		
Owner:	Peterson Builders, Inc.		
Address:	101 Pennsylvania Street.	Phone:	414/743-5574
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal):	44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal):	-87.37667
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Port Facilities by Waterway

Waterway:	Sturgeon Bay				Mile:	PWD: 68	
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.						
Port:	Lake Michigan						
Location:	Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street Bridge.					Datum:	LWD
Operator:	Peterson Builders, Inc.						
Owner:	Peterson Builders, Inc.						
Address:	101 Pennsylvania Street.				Phone:	414/743-5574	
Town:	Sturgeon Bay	State: WI			County:	Door	
Railway Connection:	None.						
Purpose:	Mooring vessels for outfitting, conversion and repair.						
Depth Alongside (feet):	23		23		Latitude (decimal):	44.824722	
Total Berthing Space (feet):	390		180		Longitude (decimal):	-87.37667	
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.						
Port Series: 48	Year of Last Survey: 1994		Corps of Engnrs Waterway Code: 77805			Detroit District	
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.						
Port Series: 48	Year of Last Survey: 1994		Corps of Engnrs Waterway Code: 77805			Detroit District	
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.						
Port Series: 48	Year of Last Survey: 1994		Corps of Engnrs Waterway Code: 77805			Detroit District	
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.						
Port Series: 48	Year of Last Survey: 1994		Corps of Engnrs Waterway Code: 77805			Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 68
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street Bridge.		Datum: LWD
Operator:	Peterson Builders, Inc.		
Owner:	Peterson Builders, Inc.		
Address:	101 Pennsylvania Street.	Phone:	414/743-5574
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23	23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390	180	Longitude (decimal): -87.37667
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Waterway: Sturgeon Bay	Mile:	PWD: 68
Name: Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390 180	Longitude (decimal): -87.37667

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 68
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 11 and 10 Wharf.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 1,300 feet south of Michigan Street Bridge.		Datum: LWD
Operator:	Peterson Builders, Inc.		
Owner:	Peterson Builders, Inc.		
Address:	101 Pennsylvania Street.	Phone:	414/743-5574
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23	23	Latitude (decimal): 44.824722
Total Berthing Space (feet):	390	180	Longitude (decimal): -87.37667
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District
Remarks:	One 1,100 ton floating drydock with overall length of 374 feet is moored at Berth 11. The southern end of Berth 11 functions as a side launchway for newly constructed vessels.		
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 70
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
Total Berthing Space (feet):	180 180 200	Longitude (decimal): -87.37472

Waterway: Sturgeon Bay	Mile:	PWD: 70
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
Total Berthing Space (feet):	180 180 200	Longitude (decimal): -87.37472

Waterway: Sturgeon Bay	Mile:	PWD: 70
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
Total Berthing Space (feet):	180 180 200	Longitude (decimal): -87.37472

Port Facilities by Waterway

Waterway:	Sturgeon Bay				Mile:	PWD: 70
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.					
Port:	Lake Michigan					
Location:	Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street Bridge.				Datum:	LWD
Operator:	Peterson Builders, Inc.					
Owner:	Peterson Builders, Inc.					
Address:	101 Pennsylvania Street.			Phone:	414/743-5574	
Town:	Sturgeon Bay	State:	WI	County:	Door	
Railway Connection:	None.					
Purpose:	Mooring vessels for outfitting, conversion and repair.					
Depth Alongside (feet):	23		23		Latitude (decimal):	44.829444
Total Berthing Space (feet):	180		180		Longitude (decimal):	-87.37472
Remarks:	Vessels may extend beyond pier at Berths 4 and 6, or lay across Berth 5. Pier forms a 200- by 95-foot wide slip with Berth 10 (Ref. No. 68). Bulkhead at head of slip provides 95 feet of berthing space for smalle					
Port Series: 48	Year of Last Survey: 1994		Corps of Engnrs Waterway Code: 77805		Detroit District	
Remarks:	Vessels may extend beyond pier at Berths 4 and 6, or lay across Berth 5. Pier forms a 200- by 95-foot wide slip with Berth 10 (Ref. No. 68). Bulkhead at head of slip provides 95 feet of berthing space for smalle					
Port Series: 48	Year of Last Survey: 1994		Corps of Engnrs Waterway Code: 77805		Detroit District	
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Port Series: 48	Year of Last Survey: 1994		Corps of Engnrs Waterway Code: 77805		Detroit District	
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Port Series: 48	Year of Last Survey: 1994		Corps of Engnrs Waterway Code: 77805		Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 70
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
Total Berthing Space (feet):	180 180 200	Longitude (decimal): -87.37472

Waterway: Sturgeon Bay	Mile:	PWD: 70
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
Total Berthing Space (feet):	180 180 200	Longitude (decimal): -87.37472

Waterway: Sturgeon Bay	Mile:	PWD: 70
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
Total Berthing Space (feet):	180 180 200	Longitude (decimal): -87.37472

Port Facilities by Waterway

Waterway:	Sturgeon Bay			Mile:	PWD: 70
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.				
Port:	Lake Michigan				
Location:	Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street Bridge.			Datum:	LWD
Operator:	Peterson Builders, Inc.				
Owner:	Peterson Builders, Inc.				
Address:	101 Pennsylvania Street.			Phone:	414/743-5574
Town:	Sturgeon Bay	State:	WI	County:	Door
Railway Connection:	None.				
Purpose:	Mooring vessels for outfitting, conversion and repair.				
Depth Alongside (feet):	23		23		23
Total Berthing Space (feet):	180		180		200
Remarks:	Vessels may extend beyond pier at Berths 4 and 6, or lay across Berth 5. Pier forms a 200- by 95-foot wide slip with Berth 10 (Ref. No. 68). Bulkhead at head of slip provides 95 feet of berthing space for smalle				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District		
Remarks:	Vessels may extend beyond pier at Berths 4 and 6, or lay across Berth 5. Pier forms a 200- by 95-foot wide slip with Berth 10 (Ref. No. 68). Bulkhead at head of slip provides 95 feet of berthing space for smalle				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District		
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Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805	Detroit District		
Remarks:	Vessels may extend beyond pier at Berths 4 and 6, or lay across Berth 5. Pier forms a 200- by 95-foot wide slip with Berth 10 (Ref. No. 68). Bulkhead at head of slip provides 95 feet of berthing space for smalle				
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Waterway: Sturgeon Bay	Mile:	PWD: 70
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
Total Berthing Space (feet):	180 180 200	Longitude (decimal): -87.37472

Waterway: Sturgeon Bay	Mile:	PWD: 70
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
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Bridge.		
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Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
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Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
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Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
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Port Facilities by Waterway

Waterway:	Sturgeon Bay					Mile:	PWD: 70
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.						
Port:	Lake Michigan						
Location:	Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street Bridge.					Datum:	LWD
Operator:	Peterson Builders, Inc.						
Owner:	Peterson Builders, Inc.						
Address:	101 Pennsylvania Street.					Phone:	414/743-5574
Town:	Sturgeon Bay		State:		WI	County:	Door
Railway Connection:	None.						
Purpose:	Mooring vessels for outfitting, conversion and repair.						
Depth Alongside (feet):	23		23		23	Latitude (decimal):	44.829444
Total Berthing Space (feet):	180		180		200	Longitude (decimal):	-87.37472
Remarks:	Vessels may extend beyond pier at Berths 4 and 6, or lay across Berth 5. Pier forms a 200- by 95-foot wide slip with Berth 10 (Ref. No. 68). Bulkhead at head of slip provides 95 feet of berthing space for smalle						
Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Vessels may extend beyond pier at Berths 4 and 6, or lay across Berth 5. Pier forms a 200- by 95-foot wide slip with Berth 10 (Ref. No. 68). Bulkhead at head of slip provides 95 feet of berthing space for smalle						
Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	
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Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	
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Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 70
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
Total Berthing Space (feet):	180 180 200	Longitude (decimal): -87.37472
Waterway: Sturgeon Bay		
Mile: PWD: 70		
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
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Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
Total Berthing Space (feet):	180 180 200	Longitude (decimal): -87.37472
Waterway: Sturgeon Bay		
Mile: PWD: 70		
Name: Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829444
Total Berthing Space (feet):	180 180 200	Longitude (decimal): -87.37472

Port Facilities by Waterway

Waterway:	Sturgeon Bay				Mile:	PWD: 70	
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 4, 5 and 6 Pier.						
Port:	Lake Michigan						
Location:	Easterly shore of Sturgeon Bay, approximately 1,700 feet south of Michigan Street Bridge.			Datum:	LWD		
Operator:	Peterson Builders, Inc.						
Owner:	Peterson Builders, Inc.						
Address:	101 Pennsylvania Street.			Phone:	414/743-5574		
Town:	Sturgeon Bay	State:	WI	County:	Door		
Railway Connection:	None.						
Purpose:	Mooring vessels for outfitting, conversion and repair.						
Depth Alongside (feet):	23		23		23	Latitude (decimal):	44.829444
Total Berthing Space (feet):	180		180		200	Longitude (decimal):	-87.37472
Remarks:	Vessels may extend beyond pier at Berths 4 and 6, or lay across Berth 5. Pier forms a 200- by 95-foot wide slip with Berth 10 (Ref. No. 68). Bulkhead at head of slip provides 95 feet of berthing space for smalle						
Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	
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Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Vessels may extend beyond pier at Berths 4 and 6, or lay across Berth 5. Pier forms a 200- by 95-foot wide slip with Berth 10 (Ref. No. 68). Bulkhead at head of slip provides 95 feet of berthing space for smalle						
Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	
Remarks:	Vessels may extend beyond pier at Berths 4 and 6, or lay across Berth 5. Pier forms a 200- by 95-foot wide slip with Berth 10 (Ref. No. 68). Bulkhead at head of slip provides 95 feet of berthing space for smalle						
Port Series:	48	Year of Last Survey:	1994	Corps of Engnrs Waterway Code:	77805	Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Port Facilities by Waterway

Waterway:	Sturgeon Bay				Mile:	PWD: 69	
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.						
Port:	Lake Michigan						
Location:	Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street Bridge.					Datum:	LWD
Operator:	Peterson Builders, Inc.						
Owner:	Peterson Builders, Inc.						
Address:	101 Pennsylvania Street.				Phone:	414/743-5574	
Town:	Sturgeon Bay	State:	WI	County:	Door		
Railway Connection:	None.						
Purpose:	Mooring vessels for outfitting, conversion and repair.						
Depth Alongside (feet):	23		23		23	Latitude (decimal):	44.829722
Total Berthing Space (feet):	260		180		180	Longitude (decimal):	-87.37556
Remarks:	Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□						
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805				Detroit District	
Remarks: Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□							
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805				Detroit District	
Remarks: Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□							
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805				Detroit District	
Remarks: Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□							
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805				Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Port Facilities by Waterway

Waterway:	Sturgeon Bay			Mile:	PWD: 69
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.				
Port:	Lake Michigan				
Location:	Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street Bridge.			Datum:	LWD
Operator:	Peterson Builders, Inc.				
Owner:	Peterson Builders, Inc.				
Address:	101 Pennsylvania Street.			Phone:	414/743-5574
Town:	Sturgeon Bay	State:	WI	County:	Door
Railway Connection:	None.				
Purpose:	Mooring vessels for outfitting, conversion and repair.				
Depth Alongside (feet):	23		23		23
Total Berthing Space (feet):	260		180		180
Remarks:	Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District
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Remarks:	Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District
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Remarks:	Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District
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Remarks:	Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□				
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805			Detroit District

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Port Facilities by Waterway

Waterway:	Sturgeon Bay				Mile:	PWD: 69	
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.						
Port:	Lake Michigan						
Location:	Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street Bridge.					Datum:	LWD
Operator:	Peterson Builders, Inc.						
Owner:	Peterson Builders, Inc.						
Address:	101 Pennsylvania Street.				Phone:	414/743-5574	
Town:	Sturgeon Bay	State:	WI	County:	Door		
Railway Connection:	None.						
Purpose:	Mooring vessels for outfitting, conversion and repair.						
Depth Alongside (feet):	23		23		23	Latitude (decimal):	44.829722
Total Berthing Space (feet):	260		180		180	Longitude (decimal):	-87.37556
Remarks:	Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□						
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805				Detroit District	
Remarks: Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□							
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805				Detroit District	
Remarks: Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□							
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805				Detroit District	
Remarks: Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□							
Port Series: 48	Year of Last Survey: 1994	Corps of Engnrs Waterway Code: 77805				Detroit District	

Port Facilities by Waterway

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Waterway: Sturgeon Bay	Mile:	PWD: 69
Name: Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port: Lake Michigan		
Location: Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street		Datum: LWD
Bridge.		
Operator: Peterson Builders, Inc.		
Owner: Peterson Builders, Inc.		
Address: 101 Pennsylvania Street.		Phone: 414/743-5574
Town: Sturgeon Bay	State: WI	County: Door
Railway Connection: None.		
Purpose: Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal): 44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal): -87.37556

Port Facilities by Waterway

Waterway:	Sturgeon Bay	Mile:	PWD: 69
Name:	Peterson Builders, Inc., Sturgeon Bay Berths 7, 8 and 9 Pier.		
Port:	Lake Michigan		
Location:	Easterly shore of Sturgeon Bay, approximately 1,500 feet south of Michigan Street Bridge.		Datum: LWD
Operator:	Peterson Builders, Inc.		
Owner:	Peterson Builders, Inc.		
Address:	101 Pennsylvania Street.	Phone:	414/743-5574
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring vessels for outfitting, conversion and repair.		
Depth Alongside (feet):	23 23 23	Latitude (decimal):	44.829722
Total Berthing Space (feet):	260 180 180	Longitude (decimal):	-87.37556
Remarks:	Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Remarks:	Vessels may extend beyond pier at Berths 7 and 9, or lay across Berth 8. Pier forms a 160- by 40- to 70-foot wide slip with Berth 10 (Ref. No. 68.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District
Waterway:	Sturgeon Bay	Mile:	PWD: 60
Name:	Roen Salvage Company Sturgeon Bay Dock.		
Port:	Lake Michigan		
Location:	West shore, Sturgeon Bay approximately 1,900 feet south of Michigan Street Bridge.		Datum: LWD
Operator:	Roen Salvage Company.		
Owner:	Roen Salvage Company.		
Address:	180 East Redwood Street	Phone:	414/743-6533
Town:	Sturgeon Bay	State:	WI
		County:	Door
Railway Connection:	None.		
Purpose:	Mooring company-owned floating equipment.		
Depth Alongside (feet):	10 - 10 10 10	Latitude (decimal):	44.826944
Total Berthing Space (feet):	300 200 150	Longitude (decimal):	-87.37778
Remarks:	Piers form a north slip approximately 160-foot wide by 200-feet long, and a south slip 80-foot wide by 150-feet long.□		
Port Series: 48	Year of Last Survey: 1994	Corps of Engrs Waterway Code: 77805	Detroit District

Port Facilities by Waterway

Waterway: **Sturgeon Bay** Mile: PWD: 62
 Name: **Sturgeon Bay Municipal Wharf.**
 Port: Lake Michigan
 Location: West shore, Sturgeon Bay approximately 300 feet south of Michigan Street Bridge. Datum: LWD
 Operator: U.S. Coast Guard and Selvick Marine Towing Corp.
 Owner: City of Sturgeon Bay.
 Address: 67 East Maple Street Phone: 414/743-6016
 Town: Sturgeon Bay State: WI County: Door
 Railway Connection: None.
 Purpose: Mooring USCGC Mobile Bay (WTGB-103) and company-owned tugs and floating equipment.
 Depth Alongside (feet): 16 | | Latitude (decimal): 44.830556
 Total Berthing Space (feet): 595 | | Longitude (decimal): -87.38222
 Remarks: The USCGC 'Mobile Bay' moors along the southerly portion of wharf and Selvick Marine Towing Corp. moors tugs along the northerly portion. □

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77805 Detroit District

Waterway: **Sturgeon Bay** Mile: PWD: 61
 Name: **Wisconsin Department of Natural Resources Sturgeon Bay Dock.**
 Port: Lake Michigan
 Location: West shore, Sturgeon Bay approximately 1,750 feet south of Michigan Street Bridge. Datum: LWD
 Operator: Wisconsin Department of Natural Resources, Fish Management Division.
 Owner: City of Sturgeon Bay.
 Address: Neenah Avenue Phone:
 Town: Sturgeon Bay State: WI County: Door
 Railway Connection: None.
 Purpose: Mooring patrol and research vessels.
 Depth Alongside (feet): 16 | 12 - 16 | Latitude (decimal): 44.826944
 Total Berthing Space (feet): 180 | 120 | Longitude (decimal): -87.37778
 Remarks: -□□

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77805 Detroit District

Waterway: **Sturgeon Bay Ship Canal** Mile: PWD: 72
 Name: **U.S. Coast Guard Station, Sturgeon Bay.**
 Port: Lake Michigan
 Location: Sturgeon Bay, north side of Lake Michigan entrance to Sturgeon Bay Ship Canal. Datum: LWD
 Operator: U.S. Coast Guard.
 Owner: U.S. Government.
 Address: 2501 Canal Road. Phone: 414/743-3366
 Town: Sturgeon Bay State: WI County: Door
 Railway Connection: None.
 Purpose: Mooring government owned patrol craft for search and rescue and law enforcement.
 Depth Alongside (feet): 6 | 5 - 0 | Latitude (decimal): 44.794444
 Total Berthing Space (feet): 80 | 25 | Longitude (decimal): -87.31306
 Remarks: Slip mooring was formerly a marine railway with sloped bottom limiting length of vessel that can be berthed. Two 3-inch hoses lead to piers from one 1,000 gallon diesel fuel, and one 500 gallon gasoline tanks at

Port Series: 48 Year of Last Survey: 1994 Corps of Engnrs Waterway Code: 77805 Detroit District

Port Facilities by Waterway

Waterway: **Superior Bay, Front Channel** Mile: PWD: 55
 Name: **CLM Co., Coal Dock.**
 Port: Lake Superior
 Location: South side, Superior Front Channel, Superior Bay, approximately 2.2 miles southeast Datum: LWD
 of John A. Blatnik B
 Operator: Cutler-Magler Company.
 Owner: Cutler-Magler Company.
 Address: Foot of Winter Ave., extended. Phone: 218/722-3981
 Town: Superior State: WI County: Douglas
 Railway Connection: None.
 Purpose: Receipt of coal by self-unloading vessel.
 Depth Alongside (feet): 25 | 12 - 18 | Latitude (decimal): 46.730278
 Total Berthing Space (feet): 300 | 1,200 | Longitude (decimal): -92.07167
 Remarks: Open storage area located in rear has capacity for 100,000 tons of coal. Southeast side forms 100-foot-wide slip with northerly bank of City of Superior Sewage Plant holding pond. Face of wharf is in line and c of P.W.D. Ref. No. 54 providing 1,200 feet of continuous berthing space.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Waterway: **Superior Bay, Front Channel** Mile: PWD: 53
 Name: **CLM Co., Limestone Dock.**
 Port: Lake Superior
 Location: South side, Superior Front Channel, Superior Bay, approximately 1.9 miles southeast Datum: LWD
 of John A. Blatnik B
 Operator: Cutler-Magler Company
 Owner: Cutler-Magler Company
 Address: Foot of Hill Ave. extended. Phone: 218/722-3981
 Town: Superior State: WI County: Douglas
 Railway Connection: One surface track extends along rear of open storage area; connects with BNSF Railroad.
 Purpose: Receipt of limestone by self-unloading vessels.
 Depth Alongside (feet): 24 | | Latitude (decimal): 46.732222
 Total Berthing Space (feet): 570 | | Longitude (decimal): -92.07583
 Remarks: Open storage area has capacity for 400,000 tons of limestone. Face of wharf is in-line and contiguous with portion of former marine fueling wharf at inner end of slip and with portion of wharf at P.W.D. Ref. No. of continuous berthing space in slip with water depths of 20-24 feet.

Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: **Superior Bay, Front Channel** Mile: PWD: 56

Name: **Duluth-Superior Excursion Co., Barkers Island Dock.**

Port: Lake Superior

Location: Northwest corner, Barker Island, Superior Front Channel Superior Bay, approx. 3 miles above Superior Ent Datum: LWD

Operator: Duluth-Superior Excursion Co.

Owner: City of Superior.

Address: Barkers Island. Phone: 218/722-6218

Town: Superior State: WI County: Douglas

Railway Connection: None.

Purpose: Landing for excursion passengers. (See Remarks).

Depth Alongside (feet): 8 | 7 - 8 | 7 - 8 Latitude (decimal): 46.721667

Total Berthing Space (feet): | 80 | 80 Longitude (decimal): -92.06333

Remarks: 'Vista Star' and 'Vista King', excursion vessels moor at Ref. No. 5 and 6. A ticket office and gift shop are located at rear. A 160-foot-long floating pier, with space for mooring 12 small charter fishing vessels south west side of Island. Exhibition vessels 'Col. D. D. Gaillard', a retired Army Corps of Engineers dredge, and 'S. S. Meteor', a retired bulk carrier, are permanently grounded at north east side of Island.

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79283 Detroit District

Waterway: **Superior Bay, Front Channel** Mile: PWD: 54

Name: **Lafarge Corp., Superior Cement Dock.**

Port: Lake Superior

Location: South side, Superior Front Channel, Superior Bay, approximately 2.1 miles southeast of John A. Blatnik B Datum: LWD

Operator: Lafarge Corporation.

Owner: Lafarge Corporation.

Address: 3 Hill Ave. Phone: 715/392-6284

Town: Superior State: WI County: Douglas

Railway Connection: Two surface tracks, total capacity 24 cars, serve plant and storage silos in rear; connect with Burlington Northern Santa Fe Railroad.

Purpose: Receipt of gypsum and cement by self-unloading vessels.

Depth Alongside (feet): 23 | 27 | Latitude (decimal): 46.732222

Total Berthing Space (feet): 400 | 900 | Longitude (decimal): -92.07278

Remarks: Open storage area located at rear of northwest side has capacity for 150,000 tons of gypsum. Two 10-inch pipelines extend from face side of wharf to six concrete storage silos located at plant in rear, total capacity cement. Cement is loaded into rail cars at a rate of 4 to 5 cars per hour, and into trucks at a rate of 10 trucks per hour. Face of wharf is in-line and contiguous with face of P.W.D. Ref. No 55 providing 1,200 feet berthing space.

Port Series: 49 Year of Last Survey: 1999 Corps of Engns Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway: **Superior Bay, Front Channel** Mile: PWD: 51
 Name: **Northway Carriers, Inc. Dock.**
 Port: Lake Superior
 Location: South side, Superior Front Channel, Superior Bay, approximately 1 mile southeast of John A. Blatnik Brid Datum: LWD
 Operator: Northway Carriers, Inc.
 Owner: Northway Carriers, Inc. (option to purchase from the City of Superior)
 Address: 259 Main Street Phone: 715/392-5363
 Town: Superior State: WI County: Douglas
 Railway Connection: Two surface tracks, total capacity 20 cars, connect with tracks of UP Railroad.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 22 | | Latitude (decimal): 46.738611
 Total Berthing Space (feet): 545 | | Longitude (decimal): -92.08611
 Remarks: Approximately 3 1/2 acres of concrete-surfaced open storage area is located in rear. □
 Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Waterway: **Superior Bay, Front Channel** Mile: PWD: 52
 Name: **Peavey Grain Co., Connors Point Dock.**
 Port: Lake Superior
 Location: South side, Superior Front Channel, Superior Bay, approximately 1.2 miles southeast of John A. Blatnik B Datum: LWD
 Operator: Peavey Grain Co.
 Owner: ConAgra, Inc.
 Address: Foot of 21st Avenue East. Phone: 715/392-9853
 Town: Superior State: WI County: Douglas
 Railway Connection: Nine surface tracks on northwest side of elevator serve car dumper and car pits, total capacity 85 cars; connect with tracks of BNSF Railroad.
 Purpose: Shipment of grain.
 Depth Alongside (feet): 28 - 30 | | Latitude (decimal): 46.738056
 Total Berthing Space (feet): 794 | | Longitude (decimal): -92.09194
 Remarks: Grain storage includes 12 steel tanks and 30 concrete silos with 18 interstices, capacity 5,000,000 bushels; and a one-story, irregularly-shaped, steel frame, metal-covered building, capacity 4,000,000 bushels.
 Port Series: 49 Year of Last Survey: 1999 Corps of Engnrs Waterway Code: 79283 Detroit District

Port Facilities by Waterway

Waterway:	Superior Bay, Superior Harbor	Mile:	PWD: 57
Name:	ConAgra Specialty Grains Co., Superior Elevator M Dock.		
Port:	Lake Superior		
Location:	Quebec Pier, Superior Harbor Basin, Superior Bay, approx. 1.8 miles from Superior Entry, foot of 20th Av	Datum:	LWD
Operator:	ConAgra Specialty Grains Co., a subsidiary of ConAgra, Inc.		
Owner:	ConAgra, Inc.		
Address:	Foot of 20th Ave. East extended.	Phone:	715/398-3541
Town:	Superior	State:	WI
		County:	Douglas
Railway Connection:	Three surface tracks along rear of grain storage units, 2 of which serve one 20-inch carloading spout and 4 car-unloading pits; connect with BNSF Railroad.		
Purpose:	Receipt of grain from self-unloading vessels.		
Depth Alongside (feet):	28 - 5	Latitude (decimal):	46.711667
Total Berthing Space (feet):	1,320	Longitude (decimal):	-92.04417
Remarks:	Storage capacities: Old Annex: 21 concrete silos, 700,000 bushels; New Annex: 4 concrete silos, 236,000 bushels; 3 steel tanks: 1,000,000 bushels; total capacity, 1,936,000 bushels. A flour mill located at rea at time of survey (1999).		
Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79283	Detroit District
Waterway:	Taconite Harbor	Mile:	PWD: 59
Name:	LTV Steel Mining Co., Taconite Harbor Dock.		
Port:	Lake Superior		
Location:	West side of harbor, Taconite Harbor, Minnesota.	Datum:	LWD
Operator:	LTV Steel Mining Co., a subsidiary of LTV Corp.		
Owner:	LTV Steel Mining Co., a subsidiary of LTV Corp.		
Address:	8124 West Highway 61	Phone:	218/663-8260
Town:	Taconite Harbor	State:	MN
		County:	Cook
Railway Connection:	LTV Steel Mining Co. Railroad: Six tracks in rear of wharf serve coal storage and power plant on upper side, capacity 28 cars; single track on steel trestle serves shipping bins.		
Purpose:	Shipment of iron ore pellets; receipt of coal for plant consumption.		
Depth Alongside (feet):	30	Latitude (decimal):	47.526944
Total Berthing Space (feet):	1,710	Longitude (decimal):	-90.91667
Remarks:	Coal is received from self-unloading vessels. Open storage area located at rear has capacity for 500,000 tons of coal. Electric power plant is located at rear.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engns Waterway Code: 79321	Detroit District

Port Facilities by Waterway

Waterway: West Gate Basin	Mile:	PWD: 37
Name: Peavey Grain Co., Globe Elevator Dock		
Port: Lake Superior		
Location: Lower side of slip, south side, South Channel, St. Louis Bay, approx. 0.5 mile above John A. Blatnick Br		Datum: LWD
Operator: Not operated.		
Owner: Gordon Oftedahl		
Address: Foot of Banks Avenue		Phone: 216/241-0140
Town: Superior	State: WI	County: Douglas
Railway Connection: Two surface tracks extend through Elevator No. 1, join with additional trackage serving elevators; connect with BNSF and UP Railroads.		
Purpose: Not used.		
Depth Alongside (feet): 28		Latitude (decimal): 46.742222
Total Berthing Space (feet): 710		Longitude (decimal): -92.10611
Remarks: Elevator No. 1 located at rear of berthing area; Elevators Nos. 2 and 3 located at rear of head of slip; elevators connected by enclosed conveyor belts. Storage capacities: Elevator No. 1: 750,000 bushels;□Elevator No. 2: 1,750,000 bushels;□Elevator No. 3: 1,750,000 bushels;Total capacity: 4,250,000 bushels.		
Port Series: 49	Year of Last Survey: 1999	Corps of Engnr's Waterway Code: 79283
		Detroit District

US Army Corps of Engineers
Dredging Contracts Awarded

District Detroit

JOBNAME	Dredge Type	Bid Date	Quantity Cubic Yards	Government Estimate	Winning Bid	Winning Bidder	Status of Business	Number of Bids
FY 1997 Awards								
ARCADIA HARBOR, MI	P	2/18/1997	5,500	\$36,025	\$26,854	ANDRIE INC.	E	5
CORNUCOPIA HARBOR, WI	P	4/22/1997	8,000	\$62,000	\$60,048	M.C.M. MARINE INC.	E	2
DULUTH-SUPERIOR HBR MN & WI	B	3/4/1997	92,300	\$716,425	\$637,170	LUEDTKE ENGINEERING CO.	S	5
GRAND HAVEN HBR, MI (OUTER)	P	2/7/1997	30,000	\$183,598	\$140,130	M.C.M. MARINE INC.	E	2
GREEN BAY HARBOR, WI	B	7/9/1997	155,000	\$1,333,200	\$1,276,933	ROEN SALVAGE COMPANY	E	4
HOLLAND HARBOR, MI (OUTER)	P	2/7/1996	21,000	\$106,602	\$98,920	M.C.M. MARINE INC.	E	2
LELAND HARBOR, MI	P	2/18/1997	16,500	\$84,975	\$61,915	ANDRIE INC.	E	5
LITTLE LAKE HARBOR, MI	P	3/13/1995	25,000	\$114,200	\$97,500	MICHIGAN HYDRAULIC DREDGING CO	E	4
MONROE HARBOR, MI	B	7/10/1997	118,000	\$624,600	\$532,584	KING COMPANY, INC.	E	2
ONTONAGON HARBOR, MI	P	12/19/1996	50,000	\$279,000	\$229,000	LUEDTKE ENGINEERING CO.	S	4
PENTWATER HARBOR, MI	P	2/18/1997	18,000	\$94,500	\$70,244	ANDRIE INC.	E	5
PORTAGE LAKE HARBOR, MI (8A)	P	12/27/1996	26,000	\$171,680	\$171,680	TNT DREDGING INC	E	1
ROUGE RIVER, MI	B	7/10/1997	50,000	\$469,600	\$400,671	KING COMPANY, INC.	E	3
SAGINAW RIVER, MI	B	7/10/1997	130,000	\$415,300	\$521,745	KING COMPANY, INC.	E	3
SAUGATUCK HARBOR, MI	P	4/8/1997	25,000	\$125,350	\$91,784	M.C.M. MARINE INC.	E	4
ST JOSEPH HARBOR, MI (I)(8A)	B	1/8/1997	25,000	\$343,074	\$343,074	M.C.M. MARINE INC.	E	1
ST JOSEPH HARBOR, MI (OUTER)	P	2/4/1997	36,000	\$235,400	\$162,920	KING COMPANY, INC.	E	5
TWO RIVERS HARBOR, WI	P	4/29/1997	45,000	\$224,900	\$159,000	M.C.M. MARINE INC.	E	5
			876,300	\$5,620,429	\$5,082,172			
FY 1998 Awards								
ARCADIA HARBOR, MI	P	12/30/1997	5,500	\$37,689	\$24,470	M.C.M. MARINE INC.	E	3
DETROIT RIVER, MI (PTE M.)	B	3/31/1998	55,000	\$391,000	\$191,490	LAKE MICHIGAN CONTRACTORS, INC	E	3
DULUTH-SUPERIOR HBR MN & WI	B	2/27/1998	107,000	\$578,600	\$498,500	TNT DREDGING INC	E	3
GRAND HAVEN HBR, MI (INNER)	P	5/7/1998	65,000	\$515,800	\$285,800	KING COMPANY, INC.	E	3
GREEN BAY HARBOR, WI	B	6/19/1998	183,800	\$1,651,200	\$1,513,900	ROEN SALVAGE COMPANY	E	2
HARBOR BEACH HARBOR, MI	B	3/5/1998	48,000	\$349,300	\$368,000	LAKE MICHIGAN CONTRACTORS, INC	E	3
HOLLAND HARBOR, MI(O) OPTYR	P	2/7/1996	21,000	\$109,395	\$101,431	M.C.M. MARINE INC.	E	2
KAWKAWLIN RIVER, MI (8A)	B	6/19/1998	37,000	\$205,732	\$205,752	M.C.M. MARINE INC.	E	1
LELAND HARBOR, MI	P	12/30/1997	15,000	\$72,038	\$60,190	M.C.M. MARINE INC.	E	3
LUDINGTON HARBOR, MI (8A)	P	3/20/1998	54,000	\$370,900	\$370,900	M.C.M. MARINE INC.	E	1
MANISTEE HARBOR, MI	P	1/28/1998	74,000	\$287,700	\$343,200	KING COMPANY, INC.	E	2
MONROE HARBOR, MI	P	3/31/1998	131,000	\$677,300	\$464,531	LAKE MICHIGAN CONTRACTORS, INC	E	3
ONTONAGON HARBOR, MI OPTYR	P	12/20/1995	50,000	\$287,000	\$229,000	LUEDTKE ENGINEERING CO.	S	4
PENTWATER HARBOR, MI	P	12/30/1997	20,000	\$95,448	\$79,240	M.C.M. MARINE INC.	E	3
PORT WING HARBOR, WI	P	3/10/1998	32,000	\$122,400	\$108,650	TNT DREDGING INC	E	4
SAGINAW RIVER, MI	B	3/31/1998	234,000	\$1,594,500	\$1,491,579	LAKE MICHIGAN CONTRACTORS, INC	E	2
ST JOSEPH HARBOR, MI (OUTER)	P	12/30/1997	20,000	\$153,000	\$128,600	M.C.M. MARINE INC.	E	3

US Army Corps of Engineers
Dredging Contracts Awarded

District Detroit

JOBNAME	Dredge Type	Bid Date	Quantity Cubic Yards	Government Estimate	Winning Bid	Winning Bidder	Status of Business	Number of Bids
			1,152,300	\$7,499,002	\$6,465,233			
FY 1999 Awards								
ARCADIA HARBOR, MI	P	4/2/1999	4,500	\$31,400	\$34,500	KING COMPANY, INC.	E	3
CEDAR RIVER HARBOR, MI	B	5/25/1999	49,000	\$607,100	\$849,400	McMULLEN & PITZ CONSTRUCTION	S	3
GRAND HAVEN HBR, MI (OUTER)	P	3/4/1999	27,500	\$173,825	\$150,750	KING COMPANY, INC.	E	2
GRAND TRAVERSE BAY, MI	P	5/6/1999	13,000	\$101,900	\$53,000	KING COMPANY, INC.	E	2
GREEN BAY HARBOR, WI	B	5/6/1999	100,000	\$926,900	\$954,321	ROEN SALVAGE COMPANY	E	2
HOLLAND HARBOR, MI (OUTER)	P	3/4/1999	21,000	\$111,100	\$85,000	KING COMPANY, INC.	E	2
INLAND ROUTE, MI (8A)	B	7/28/1999	10,000	\$434,827	\$434,827	TNT DREDGING INC	E	1
KENOSHA HARBOR, WI	P	6/18/1999	30,000	\$382,050	\$339,300	ROEN SALVAGE COMPANY	E	5
KEWAUNEE HARBOR, WI	B	7/23/1999	60,000	\$562,800	\$622,650	LUEDTKE ENGINEERING CO.	S	1
LELAND HARBOR, MI	P	4/2/1999	14,800	\$63,100	\$57,500	KING COMPANY, INC.	E	3
LITTLE LAKE HARBOR, MI	P	3/9/1998	12,000	\$78,400	\$73,500	TNT DREDGING INC	E	5
MILWAUKEE HARBOR, WI	B	8/3/1999	57,000	\$664,450	\$707,640	KADINGER MARINE SERVICE, INC.	S	2
MONROE HARBOR, MI	P	3/11/1999	100,000	\$869,500	\$321,000	KING COMPANY, INC.	E	2
MUSKEGON HARBOR, MI	P	6/29/1999	70,000	\$281,800	\$191,300	M.C.M. MARINE INC.	E	3
NEW BUFFALO HARBOR, MI	P	12/7/1998	14,500	\$89,898	\$89,898	M.C.M. MARINE INC.	E	1
ONTONAGON HARBOR, MI	P	5/6/1999	50,000	\$318,500	\$210,000	KING COMPANY, INC.	E	2
PENTWATER HARBOR, MI	P	4/2/1999	30,000	\$82,500	\$66,000	KING COMPANY, INC.	E	3
ROUGE RIVER, MI	B	5/10/1999	75,000	\$487,000	\$472,500	LAKE MICHIGAN CONTRACTORS, INC	E	3
SAGINAW RIVER, MI	B	6/8/1999	180,000	\$1,562,600	\$661,000	KING COMPANY, INC.	E	3
SAGINAW RIVER, MI (ENVIR)	B	9/14/1999	320,000	\$9,371,650	\$6,363,450	LUEDTKE ENGINEERING CO.	S	5
ST JOSEPH HARBOR, MI (INNER)	P	12/7/1998	20,000	\$364,723	\$364,673	M.C.M. MARINE INC.	E	1
ST JOSEPH HARBOR, MI (O) 8A	P	12/7/1998	29,000	\$202,402	\$202,402	M.C.M. MARINE INC.	E	1
			1,287,300	\$17,768,425	\$13,304,611			
FY 2000 Awards								
ARCADIA HARBOR, MI	P	3/16/2000	4000	\$37,100	\$47,000	KING COMPANY, INC.	E	4
BIG BAY HARBOR, MI	B	3/24/2000	12500	\$86,725	\$75,993	M.C.M. MARINE INC.	E	5
CASEVILLE HARBOR, MI (8A)	P	3/16/2000	22000	\$174,085	\$245,136	M.C.M. MARINE INC.	E	1
CLINTON RIVER, MI	B	8/22/2000	52000	\$785,100	\$866,400	MALCOLM MARINE	S	7
DETROIT RIVER, MI (EO&LL)	B	4/4/2000	200000	\$1,611,450	\$870,669	LAKE MICHIGAN CONTRACTORS, INC	E	2
DULUTH-SUPERIOR HBR MN&WI	B	2/11/2000	89000	\$840,100	\$879,641	BILLINGTON CONSTRUCTION CO.INC	S	6
GRAND HAVEN HBR, MI (OUTER)	P	3/4/1999	27500	\$178,950	\$150,750	KING COMPANY, INC.	E	2
GREEN BAY HARBOR, WI	B	7/18/2000	102000	\$1,579,250	\$1,493,333	ROEN SALVAGE COMPANY	E	3
HARRISVILLE HARBOR, MI (8A)	P	8/11/2000	10000	\$133,695	\$133,695	M.C.M. MARINE INC.	E	1
HOLLAND HARBOR, MI (INNER)	P	3/29/2000	50000	\$515,950	\$656,000	KING COMPANY, INC.	E	4
HOLLAND HARBOR, MI (OUTER)	P	3/4/1999	21000	\$114,950	\$85,000	KING COMPANY, INC.	E	2
LELAND HARBOR, MI	P	2/22/2000	15000	\$65,200	\$77,500	KING COMPANY, INC.	E	4

US Army Corps of Engineers
Dredging Contracts Awarded

District Detroit

JOBNAME	Dredge Type	Bid Date	Quantity Cubic Yards	Government Estimate	Winning Bid	Winning Bidder	Status of Business	Number of Bids
LEXINGTON HARBOR, MI (8A)	P	3/16/2000	28000	\$245,136	\$174,085	M.C.M. MARINE INC.	E	1
MANITOWOC HARBOR, WI	B	4/28/2000	13500	\$141,125	\$141,125	ROEN SALVAGE COMPANY	E	1
MENOMINEE HARBOR, WI	B	5/19/2000	17000	\$117,750	\$137,361	RYBA MARINE CONSTRUCTION CO.	E	5
ONTONAGON HARBOR, MI	P	3/14/2000	56000	\$374,900	\$348,800	TNT DREDGING INC	E	3
PENTWATER HARBOR, MI	P	2/22/2000	20000	\$85,200	\$133,150	KING COMPANY, INC.	E	4
SAGINAW RIVER, MI	B	3/10/2000	138000	\$887,600	\$1,114,800	LUEDTKE ENGINEERING CO.	S	4
SAUGATUCK HARBOR, MI	P	3/29/2000	20000	\$128,000	\$130,000	KING COMPANY, INC.	E	4
SOUTH HAVEN HARBOR, MI	P	12/7/1998	7014	\$31,500	\$31,500	M.C.M. MARINE INC.	E	1
ST CLAIR RIVER, MI	B	8/8/2000	116300	\$1,119,878	\$2,049,118	LAKE MICHIGAN CONTRACTORS, INC	E	2
ST JOSEPH HARBOR, MI (8A)	P	12/7/1999	30000	\$202,402	\$202,402	M.C.M. MARINE INC.	E	1
TWO RIVERS HARBOR, WI	P	9/26/2000	45000	\$265,730	\$322,500	KING COMPANY, INC.	E	1
WHITEFISH POINT, MI	P	3/24/2000	13000	\$98,150	\$79,000	M.C.M. MARINE INC.	E	5
			1,108,814	\$9,819,926	\$10,444,958			
FY 2001 Awards								
ARCADIA HARBOR, MI	P	3/19/2001	4000	\$50,000	\$45,000	M.C.M. MARINE INC.	E	4
AU SABLE HARBOR, MI	B	3/12/2001	36000	\$217,185	\$177,560	KING COMPANY, INC.	E	3
BLACK RIVER(UP), MI	P	3/5/2001	11000	\$89,725	\$98,025	TNT DREDGING INC	E	6
BOLLES HARBOR, MI	P	3/7/2001	29000	\$176,119	\$176,119	M.C.M. MARINE INC.	E	1
CORNUCOPIA HARBOR, WI	P	3/5/2001	7000	\$64,950	\$78,150	TNT DREDGING INC	E	6
DULUTH SUPERIOR HBR MN&WI	B	9/24/2001	15000	\$118,276	\$118,276	MARINE TECH	S	1
DULUTH-SUPERIOR HBR MN&WI	B	4/24/2001	71000	\$588,900	\$608,230	MARINE TECH	S	4
GRAND HAVEN HARBOR, MI(O)	P	3/4/1999	30000	\$184,075	\$150,750	KING COMPANY, INC.	E	2
GREEN BAY HARBOR, WI	B	8/27/2001	119000	\$2,138,700	\$1,833,900	ROEN SALVAGE COMPANY	E	2
HOLLAND HARBOR, MI (O)	P	3/4/1999	21000	\$118,800	\$85,000	KING COMPANY, INC.	E	2
LELAND HARBOR, MI	P	3/19/2001	15000	\$85,875	\$75,000	M.C.M. MARINE INC.	E	4
LITTLE LAKE HARBOR, MI	X	1/5/2001	34000	\$291,254	\$293,954	MORRISH WALLACE CONSTRUCTN,INC	S	1
LUDINGTON HARBOR, MI	P	5/30/2001	57000	\$407,877	\$315,590	M.C.M. MARINE INC.	E	2
MANISTEE HARBOR, MI	P	5/30/2001	69000	\$411,668	\$254,530	M.C.M. MARINE INC.	E	2
MANITOWOC HARBOR, WI	B	7/27/2001	38000	\$391,902	\$296,400	LUEDTKE ENGINEERING CO.	S	3
MILWAUKEE COUNTY PORT, MI	B		46036	N/A	\$616,901	LUEDTKE ENGINEERING CO.	S	1
MILWAUKEE HARBOR, WI	B	7/27/2001	3000	\$51,000	\$51,000	LUEDTKE ENGINEERING CO.	S	1
MONROE HARBOR, MI	P	4/17/2001	110000	\$945,600	\$477,000	KING COMPANY, INC.	E	3
NEW BUFFALO HARBOR, MI	P	1/16/2001	4000	\$44,730	\$44,730	M.C.M. MARINE INC.	E	1
NORTH MANITOU IS HBR, MI	P	3/19/2001	20000	\$92,300	\$95,000	M.C.M. MARINE INC.	E	1
ONTONAGON HARBOR, MI	P	3/7/2000	56000	\$393,300	\$291,600	TNT DREDGING INC	E	3
PENTWATER HARBOR, MI	P	3/19/2001	15000	\$101,350	\$75,000	M.C.M. MARINE INC.	E	4
POINT LOOKOUT HBR, MI (8A)	B	3/1/2001	28000	\$606,003	\$606,003	M.C.M. MARINE INC.	E	1
PORT SANILAC HARBOR, MI	P	7/9/2001	27000	\$195,400	\$196,750	LUEDTKE ENGINEERING CO.	S	5
SAGINAW RIVER, MI	B	8/17/2001	50000	\$435,579	\$463,900	ROEN SALVAGE COMPANY	E	2

US Army Corps of Engineers
Dredging Contracts Awarded

District Detroit

JOBNAME	Dredge Type	Bid Date	Quantity Cubic Yards	Government Estimate	Winning Bid	Winning Bidder	Status of Business	Number of Bids
SAUGATUCK HARBOR, MI	P	3/29/2000	20000	\$271,300	\$271,300	KING COMPANY, INC.	E	1
SAXON HARBOR, MI (8A)	B	12/19/2000	6000	\$125,363	\$125,363	M.C.M. MARINE INC.	E	1
ST JOSEPH HARBOR, MI (O)	P	1/16/2001	30000	\$226,776	\$226,776	M.C.M. MARINE INC.	E	1
ST JOSEPH HBR, MI (I)	P	12/7/1998	24000	\$141,014	\$141,014	M.C.M. MARINE INC.	E	1
ST MARYS RIVER, MI	B	4/24/2001	84000	\$2,087,144	\$2,601,723	M.C.M. MARINE INC.	E	5
WHITE LAKE HARBOR, MI	P	5/30/2001	10000	\$126,173	\$76,250	M.C.M. MARINE INC.	E	2
			1,089,036	\$11,178,338	\$10,966,793			
FY 2002 Awards								
ARCADIA HARBOR, MI	P	5/22/2002	4500	\$62,644	\$62,644	TNT DREDGING INC	E	1
BIG SUAMICO HARBOR, WI	B	5/2/2002	15500	\$240,679	\$277,845	PHENCO, INC	S	4
DETROIT RIVER, MI	B	2/10/2002	407000	\$2,327,100	\$1,978,050	M.C.M. MARINE INC.	E	2
DULUTH-SUPERIOR HBR MN&WI	P	5/18/2002	136000	\$839,578	\$839,578	TNT DREDGING INC	E	1
GRAND HAVEN, HARBOR MI (O)	P	2/7/2002	35500	\$269,125	\$215,155	M.C.M. MARINE INC.	E	3
GREEN BAY HARBOR, WI	B	6/6/2002	102500	\$1,709,550	\$1,763,900	ROEN SALVAGE COMPANY	E	2
HOLLAND HARBOR, MI (O)	P	2/7/2002	21500	\$178,775	\$124,000	M.C.M. MARINE INC.	E	3
LELAND HARBOR, MI	P	3/29/2002	10500	\$91,766	\$63,150	M.C.M. MARINE INC.	E	4
MUSKEGON HARBOR., MI	P	3/4/2002	50000	\$366,970	\$255,000	KING COMPANY, INC.	E	2
ONTONAGON HARBOR, MI	P	3/7/2000	50000	\$412,000	\$300,000	TNT DREDGING INC	E	3
PENTWATER HARBOR, MI	P	3/29/2002	13000	\$95,598	\$72,530	M.C.M. MARINE INC.	E	4
PORT WING HARBOR, WI	P	6/13/2002	31000	\$181,750	\$161,750	KING COMPANY, INC.	E	4
PORTAGE LAKE HARBOR, MI	P	4/8/2002	27000	\$190,324	\$190,324	TNT DREDGING INC	E	1
ROUGE RIVER, MI	B	6/10/2002	63500	\$593,000	\$593,000	M.C.M. MARINE INC.	E	1
SAGINAW RIVER, MI	B	6/25/2002	206000	\$1,559,400	\$1,127,300	LUEDTKE ENGINEERING CO.	S	2
SOUTH HAVEN HARBOR, MI	P	4/2/2002	1900	\$182,934	\$182,934	TNT DREDGING INC	E	1
ST JOSEPH HARBOR, MI(O)	P	1/7/2002	40000	\$268,179	\$268,179	M.C.M. MARINE INC.	E	1
			1,215,400	\$9,569,372	\$8,475,339			

Dredge Type

B Bucket
D Dustpan
H Hopper
N Nonconventional
P Pipeline

S Sidecaster
W Combination - All types
X Pipeline & Bucket
Y Pipeline & Hopper
Z Hopper & Bucket
u undefined

Status of Business

E Emerging Small
L Large
S Small

LPMS Summary by Division/District

January - December 1998 and 1999

Davis St Marys		Main River Mile: 47.0				Great Lakes And Ohio River Division Detroit District			
Jan - Dec	Vessels				Barges			Bottoms	Tonnage
1998	Total	Rec	Comrc	Other	Total	Loaded	Empty	Total	ktons
Upbound	0	0	0	0	0	0	0	0	0
Downbound	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0
1999									
Upbound	512	80	370	62	17	0	17	529	0
Downbound	193	55	370	64	7	0	7	200	0
Total	705	135	740	126	24	0	24	729	0
Percent Change	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Jan - Dec	Lockages				Tows		Average Delay		Total Delay
1998	Total	Rec	Comrc	Other	All	Delayed	All Tows (hrs)	Delayed Tows (hrs)	(hrs)
Upbound	0	0	0	0	0	0	0.00	0.00	0.00
Downbound	0	0	0	0	0	0	0.00	0.00	0.00
Total	0	0	0	0	0	0	0.00	0.00	0.00
1999									
Upbound	317	24	268	25	15	2	0.01	0.09	0.18
Downbound	135	32	70	33	6	2	0.10	0.29	0.58
Total	452	56	338	58	21	4	0.04	0.19	0.76
Percent Change	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Macarthur St Marys		Main River Mile: 47.0				Great Lakes And Ohio River Division Detroit District			
Jan - Dec	Vessels				Barges			Bottoms	Tonnage
1998	Total	Rec	Comrc	Other	Total	Loaded	Empty	Total	ktons
Upbound	3,066	329	2,346	391	1,165	162	1,003	4,231	2,901
Downbound	2,576	331	2,346	364	1,277	916	361	3,853	18,928
Total	5,642	660	4,692	755	2,442	1,078	1,364	8,084	21,829
1999									
Upbound	2,700	214	2,104	382	1,082	168	914	3,782	2,908
Downbound	1,772	199	2,104	374	897	681	216	2,669	13,136
Total	4,472	413	4,208	756	1,979	849	1,130	6,451	16,044
Percent Change	-21%	-37%	-10%	0%	-19%	-21%	-17%	-20%	-27%
Jan - Dec	Lockages				Tows		Average Delay		Total Delay
1998	Total	Rec	Comrc	Other	All	Delayed	All Tows (hrs)	Delayed Tows (hrs)	(hrs)
Upbound	2,279	138	1,952	189	277	117	0.06	0.14	16.27
Downbound	1,778	128	1,469	181	287	99	0.14	0.41	41.08
Total	4,057	266	3,421	370	564	216	0.10	0.27	57.35
1999									
Upbound	2,125	101	1,825	199	231	85	0.05	0.13	10.65
Downbound	1,379	132	1,048	199	144	54	0.20	0.54	29.05
Total	3,504	233	2,873	398	375	139	0.11	0.29	39.70
Percent Change	-14%	-12%	-16%	8%	-34%	-36%	10%	7%	-31%

LPMS Summary by Division/District

January - December 1998 and 1999

New Poe St Marys		Main River Mile: 47.0				Great Lakes And Ohio River Division Detroit District			
Jan - Dec	Vessels				Barges			Bottoms	Tonnage
1998	<u>Total</u>	<u>Rec</u>	<u>Comrcl</u>	<u>Other</u>	<u>Total</u>	<u>Loaded</u>	<u>Empty</u>	<u>Total</u>	<u>ktons</u>
Upbound	2,279	104	2,008	167	1,594	257	1,337	3,873	5,660
Downbound	<u>2,095</u>	<u>91</u>	<u>2,008</u>	<u>196</u>	<u>1,574</u>	<u>1,398</u>	<u>176</u>	<u>3,669</u>	<u>59,950</u>
Total	4,374	195	4,016	363	3,168	1,655	1,513	7,542	65,610
1999									
Upbound	1,988	40	1,792	156	1,520	260	1,260	3,508	5,487
Downbound	<u>2,094</u>	<u>47</u>	<u>1,792</u>	<u>151</u>	<u>1,824</u>	<u>1,575</u>	<u>249</u>	<u>3,918</u>	<u>60,886</u>
Total	4,082	87	3,584	307	3,344	1,835	1,509	7,426	66,373
Percent Change	-7%	-55%	-11%	-15%	6%	11%	0%	-2%	1%
Jan - Dec	Lockages				Tows		Average Delay		Total Delay
1998	<u>Total</u>	<u>Rec</u>	<u>Comrcl</u>	<u>Other</u>	<u>All</u>	<u>Delayed</u>	<u>(hrs)</u>	<u>(hrs)</u>	<u>(hrs)</u>
Upbound	1,932	48	1,797	87	140	61	0.11	0.25	15.00
Downbound	<u>1,748</u>	<u>44</u>	<u>1,613</u>	<u>91</u>	<u>127</u>	<u>46</u>	<u>0.16</u>	<u>0.45</u>	<u>20.87</u>
Total	3,680	92	3,410	178	267	107	0.13	0.34	35.87
1999									
Upbound	1,778	20	1,671	87	109	44	0.13	0.33	14.55
Downbound	<u>1,830</u>	<u>32</u>	<u>1,720</u>	<u>78</u>	<u>201</u>	<u>80</u>	<u>0.24</u>	<u>0.59</u>	<u>47.53</u>
Total	3,608	52	3,391	165	310	124	0.20	0.50	62.08
Percent Change	-2%	-43%	-1%	-7%	16%	16%	54%	47%	73%